Bhutan SATS User Manual

Student Achievement Tracking System (SATS) has been designed to track:

- Student Data like personal information, contact information, child's school information and other information related to the child. It will also help in tracking child's academic performance across the years.
- Teacher Data like teachers of Bhutan and their personal information, teacher's qualification, skill sets, academic teaching profile.
- School Data like list of schools in Bhutan, type of schools, school category and school accessibility details.
- The power of this system is to bring Student, Teacher and School information onto a same platform for analyzing various parameters which help in studying various parameters.

ACCESS Levels in SATS:

There are three types of user access in this SATS tracking System (SATS)

- 1) Admin Login (The super user login): to be used by REC or REC designated personnel/departments.
- 2) Child/Parent Login: to be used by child or the parent.
- School Authority Login: to be used by respective school authorities like school principal, school trustee or school designated authorized personnel.

Each of the above user has a different set of rights to view relevant screens/interfaces as per the application rights assigned by Admin login (the super user login). A super user can create new super user accounts. This way there can be multiple admin user accounts created. The rights to each of these admin users can be controlled by the '**Assign Rights**' link in the super user login interface.

The student login, teacher login and the school authority login is created automatically by the SATS system when the newly added student or the school or the teacher is approved by the Admin/Super login. The login details of these accounts have to retrieved by the admin user from the database and send it to the respective users.

Main Login Screen:

The Main login screen is common to all the user types (Student/Teacher/School & Admin user). Depending on the type of user account login, the screens viewed by each set of user will differ based on the available rights for each user type. It is not necessary to have login account to add new child, new teacher or new school to the SATS system. However each such newly added entity will have to be approved by the SATS admin to register this newly added data to the SATS master database. After the approval, the user login account will be created automatically by the SATS system. The admin user will have to manually retrieve the login details of each of the user type from the database and give to it to the respective users.



Forgot Password:

The user can get a new password under this screen. The new password is sent to his/her registered email address.

Enter Login ID:
This will send a new password to your registered email address, Do you want to continue? Yes No

Admin User Panel:

Admin users are allowed to manage the user data such as adding new user, delete a user account, assigning different application rights etc. Various data analysis reports based on Dzongkhag, Dungkhag, Gewog and school level reports can be viewed.

Admin Panel allows following operations:

- User Account Management User Administration. Data upload and Validation Uploading of test data & Bulk uploading of the student data. •
- Data reports To view Region-wise results, summary reports and ASSL 2008 reports. •

Current Admin Users: Displays the list of current admin users.

Bhutan Student Achievement Trackin	g System	ېر
	Admin panel will allow admin users to manage the user data such as adding new user, delete a user account, assigning different application rights etc. Various data analysis reports based on Dzongkhag, Gewog, Village and school level reports can be viewed. <u>Click here</u> to download user manual	About SATS: Anows an uata relat student – performar assessments, streng weaknesses to be t at one place.
N/N	Admin Panel User Administration I.1 Current Admin Users I.2 Add New Admin User I.3 Context User	Allows remedial sup; be individually ident based on the needs past record of each
1-10-10-10-10-10-10-10-10-10-10-10-10-10	1.3 Delete User 1.4 Assian Rights 1.5 <u>Change Password</u> 1.6 <u>Approve Child Data</u> 1.7 <u>Approve Teacher Data</u> 1.8 <u>Approve School Data</u>	Allows longitudinal t of learning at an ind level – this will be a mine of information both curriculum feed
	1.9 <u>Query Interface</u> 1.10 <u>View/Retrieve Deleted Teachers</u> 1.11 <u>Promote/Demote Class</u>	as also to detect pa in learning and learn difficulty.
	2 Data Upload And Validation 2.1 Upload Test Data 2.2 Upload students in bulk	Allows information t always be available detailed, drilled-dow
	3 Data Reports 3.1 Region Wise Result Summary Reports 3.2 ASSL 2008	Tracks each child w unique id and retriev information related (

Add New Admin User: Only Admin users can create other new Admin users.

	Home Logout
Add New User	
User Name	
Full Name	
Password	
Confirm Password	
Email Address	
Add User	

Delete User: Will delete the admin user account.

Assign Rights: Application rights for user administration, data upload & validation and Data reports can be controlled by this "Assign Rights" panel. The different types of rights to be assigned to different admin users can be controlled by selecting the admin login name from "*Select user:*" drop down menu. The different rights have been shown below.



Child Account Management

Add Child: Adding a child user does not need login access. The newly added child user information can be approved only by an admin user. After approval, child information gets added to the SATS master database. Upon approval of the child user information, the child gets the login id which is his CTS number and the password. The login information should be retrieved from the SATS database manually by the admin user and should be sent to the child. The child or his parent can use this login id – the CTS number and password provided to access the child's information. Upon logging in the child's id, the SATS system will show up edit interface for this specific child's details apart from showing his academic performance details.

Personal Information	
First Name *	
Last Name	
Gender *	< Gender >
Date Of Birth *	01-01-2000
Photo	Biowse_
Is Physically Challenged?	C Yes O No
Father's Name	
Mother's Name	
Occupation Of Father	
Contact Information	
Address *	1
Gewog *	<gewog></gewog>
Village *	<village></village>
Phone	
Email	
Other Information	
School *	<school></school>
Class *	<class></class>
Section	<section></section>
Mother Tongue	Bumthangkha
Nationality	Bhutanese
Hobbies/Interests	

Approve a new Child's entry into the SATS Master Database: Only an Admin user can approve the newly added child details. The child or his parent can add his detail into the SATS system (without requiring ay login). This newly added child data will show up for approval to the admin user. The system has the capability to detect duplicate child entries and alert the admin user about such duplicate entries. Upon approval by the SATS administrator, this newly added child's details are added to the SATS master database. The approve child data has three status (approve, reject, and pending) for the received child data for SATS administrator to make appropriate checks before approving it.

							Bhu	tan Chi	ild Traci	king Syste	m			llaws I
														Home L
	Duplicate Ch	ild - Child mig	ıht exist i	in mast	ter list. V	View it by clic	king link on	First Nan	ne.		child			
Sr No	Status	Photograph	First Name	Last Name	Gender	DOB	Is Physically Challenged?	Father's Name	Mother's Name	Father's Occupation	Address	Village	Gewog	School
1	Pending 👻		Tshering	Dorji	Воу	20-03-1996	No			Business	Changbangdu	Bargoen	Bartsham	Loselling Lower Secondar
2	Pending 💌	NA	Karma	Jurme	Boy	23-10-1995	No				Changgadaphi	J Haragang	Athang	Chang Zamtog Lower Se
										Chan	ge Status			
							E	dd Child	Find Ch	nild				

Show (Matching) Duplicate Records: If newly added child detail already exists in the database the will be reflected in pink color. The link on the first name field (As indicated by an arrow in the above figure) will show up the following details for duplicate checking:

Existin	g Details Of Child	Entered Details Of Child					
Personal Information		Personal Information					
First Name	Tshering	First Name	Tshering				
Last Name	Dorji	Last Name	Dorji				
Gender	В	Gender	В				
Date Of Birth	20-03-1996	Date Of Birth	20-03-1996				
Photo	Q	Photo	Q				
Is Physically Challenged	1? N	Is Physically Challenge	d? N				
Father's Name		Father's Name					
Mother's Name		Mother's Name					
Occupation Of Father	Business	Occupation Of Father	Business				
Contact Information		Contact Information					
Address	Changbangdu	Address	Changbangdu				
Gewog	Bartsham	Gewog	Bartsham				
Village	Bargoen	Village	Bargoen				
Phone		Phone					
Email		Email					
Other Information		Other Information					
School	Chang Zamtog Lower Secondary School	School	Loselling Lower Secondary School				
Class	4	Class	4				
Section	В	Section	В				
Mother Tongue	Sharchop	Mother Tongue	Sharchop				
Nationality	*Bhutanese	Nationality	*Bhutanese				
Hobbies/Interests		Hobbies/Interests					
1. 2. 3.		1. 2. 3.					
Strengths		Strengths					
1.		1.					
2.		2.					
3.		3.					
Weaknesses		Waaknassas					
Weakiresses		Weakiresses					
1. 2. 3.		1. 2. 3.					
	Close Wi	ndow					

Searching Student/Teacher and School details from the SATS Master Database on different search criteria:

The admin user's query interface allows him to query all types of data (Student/teacher and School) while the student user can do the query only on the student data.

The **query interface** allows for querying the list of schools, list of teachers and list of students from different Dzongkhag, Gewog and Village.

Query Interface (FIND SCHOOL interface):

			Query	Interface	(Find Schoo	l) User ID:	User	Туре:				
	Number of records to display per page: 5											
		(Please select Da	unyknay nr	st to enable	selection of (sewoy, vinayı	e anu scho	or respect	vely)			
Dzongk	hag Mo	ongar 👔	🖌 Gewog	Monggar	⊻ Village	Mongar	×	School	MONGAR HS	ss 💽 Cla	ass <all></all>	 Image: A set of the set of the
				◯ List of st	tudents 🔾 Lis	t of teachers	⊙ List of s	chools				
Scho	ol Name			Principal N	Name		Scho	ol Catego	ory <all></all>	💌 School Ty	pe <all></all>	
Total S	tudents	<condition> 💌</condition>		_								
					(Find						
					Total Red	ords Found	: 1					
Sr No 🕇 <u>School Name</u> Cateo	<u>iol</u> <u>Sch</u> Iory Tyr	<u>ool DateOf</u> pe Establishmen	Total Boy	<mark>s Total Gir</mark>	ls <mark>Total Stuc</mark>	<mark>lents</mark> Addres	s Village	Gewog <mark>D</mark>	zongkhag	Phone	Email Nam	e Of Princ
1 MONGAR HSS Public	HSS	NA	341	242	<u>583</u>		Mongar I	Monggar M	longar 6	41115,1770473	8 Jigme	e Yangtse

Query Interface (FIND TEACHER interface):

The **query interface** for the teachers can be used to search list of teachers based on specific set of criteria such as:

		(Plea	ise select Dzi	Quer Num ongkhag	y Interface ber of reco first to enal	e (Find Tea ords to disp ble selection	acher) User ID: play per page: of Gewog, Villag	User Type: A 5 e and School respecti	lmin vely)	
L. L.	Dzongkhag	Mongar	~	Gewo	Mongga	r 💌 Vill	age Mongar	School	MONGAR HSS	Class <all> 💙</all>
Teacher Name Qualification Search tex	Teacher Name Gender Male Age <condition> (Years) Experience (In Years) Qualification Employment Status <status> Subjects Taught Subjects Can Teach Search text Search text</status></condition>									
							Find	>=		
					∮ 1 <u>2</u>	<u>345</u> ⊁Sho	owing records 1	-5 (23 Total)		
	Sr No 🕇 Fi	rstname	lastname	<u>qender</u>	<u>DOB</u>	<u>School</u>	Qualification	Subjects Taught	Subjects Can Teach	Action
	1 .	:		Male	15-06-1971	MONGAR HS	SS B.LED, M.SC	BIO:10-12 CHE:10-1	2 BIO:9-12 CHE:9-12	View Edit Delete
	2	.	F	Male	10-07-1977	MONGAR HS	SS HIS/GEO		GEO:9-12 HIS:9-12	View Edit Delete
	3 :			Male	01-04-1981	MONGAR HS	SS BA, PGCE	DZO:10-12	DZO:9-12 HIS:9-12	View Edit Delete
	4 :		: ·	Male	06-10-1982	MONGAR HS	SS BA PGCE	DZO:10-12	DZO:9-12	<u>View</u> Edit Delete
	5 [:	L	Male	02-03-1959	MONGAR HS	SS BA PGCE	ENG:11-12	ENG:9-12 HIS:9-12	View Edit Delete

Query Interface (FIND STUDENT interface):

The query interface for the students can be used to search the list of students based on the specific set of criteria such as:

Query Interface (Find Child) User ID: User Type: Admin Number of records to display per page: 25 (Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)											
Dzongkhag <all> 💟 Gewog <all> 💟 Village <all> 💟 School <all> 💟 Class <all> 💟</all></all></all></all></all>											
	⊙ List of students ○ List of teac	ners OList of schools									
Student Name	Gender <gender> 💌 Age <</gender>	Condition > 💌 🛛 🖓	ears) Search text								
	Find <	Condition>									
<u> </u>	<	=									
	1 <u>2</u> <u>3</u> <u>4</u> <u>5</u> ▶ <u>5913</u> Showing reco	= D9 Total)									
Sr No 🕇 <u>Firstname</u> lastname g	ender <u>DOB</u> <u>Scho</u>	<u>Class</u>	Section Village Gewog Action								
1	Girl NA PASAKHA LSS	PP	A <u>View</u> Edit								
2	Girl 02-04-1987 SONAM KUENPHEN	HIGH SCHOO 11	View Edit								

Find Child: Query Interface allows searching records of the students, teachers and the schools based on the type of login. If the student (child) logs in, he will be able search only from the list of students. Querying on the teacher or school data will be restricted for the student login. This interface helps you to search child based on different search filters like first name, last name, and guardian name, date of birth, gewog, village, school or email address.

	Query Interface (Find Child) User ID: User Type: Admin											
	Number of records to display per page: 5											
(Pl	(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)											
Dzone	Dzongkhag <all> 💟 Gewog <all> 💟 Village <all> 💟 School <all> 💟 Class <all> 🖤</all></all></all></all></all>											
				⊙ List of	students 🔾	List of teachers 🔾 Lis	stofso	hools				
Student Name	Tsherin	ıg		Gender -	<gender> 📐</gender>	Age <condition:< th=""><th>> 🔽</th><th>(Ye</th><th>ears) Se</th><th>arch text</th><th></th></condition:<>	> 🔽	(Ye	ears) Se	arch text		
						Find						
			G									
			1	12345	2521 Show	ving records 1-5 (1	2603	Total)				
Sr N	40 🕇 <u>Fir</u>	rstname	lastnan	ne <mark>gender</mark>	DOB	School	<u>Class</u>	Section	Village	Gewog Acti	on	
1				.j Boy	25-03-1996	SHUMAR LSS	4			View	Edit	
2				Boy	26-10-1998	PHUENTSHOING LSS	2	С		View	Edit	
3	E		·	Boy	05-01-1994	WAMRONG LSS	8	A		View	Edit	
4				; Boy	15-04-1991	TASHITSE HSS	9	С		View	Edit	
5				Воу	NA	BANJAR CPS	2	1		View	Edit	
			4	1 2 3 4 5	2521 Show	ving records 1-5 (1	2603	Total)				

Edit Child Link: Based on application rights of an user, under this link the child data can be edited.

Teharina
Tehning
rsoenny
Dorji
Boy
20-03-1996
Change Photo: Browse
O yes O No
Business
Changbangdu
Bartsham
Bargoen
10
Chang Zamtog Lower Second
4
B
Sharchop
Bhutanese

<u>View Details link:</u> Displays child's personal information, contact details, school related and child's performance reports.

	Deta	ails For Tshering D	orji	
	Per	sonal Information		Edit
	Name	: Tshering Dorji	: Boy	
100	Date Of Birth	: 20-03-1996	Is Physically Challenged?	: No
	Father's Name		Mother's Name	
The second secon	Occupation Of Father	: Business		
Contact Info	rmation	Tshering's School Inf	ormation	
Address	: Changbangdu	School Name : Ch	ang Zamtog Lower Secondary Sch	ool
Gewog	:Bartsham	Address :		Village : Buli
Village	:Bargoen	Gewog : Ch	hume	Phone :
Phone		Email :		School Type :
Email	3	Principal's Name :		
Other Inform	nation	Tshering's School Tes	t Result Information Show A	ll Round Result
School	: Chang Zamtog Lower Secondary School	Report Type:	Percentile Graph	
Class	:4	inchoi e i î î î î î î		
Section	:B	Constant of		
Mother Tong	ue:Sharchop	100		
Nationality	:Bhutanese	80 -		
Hobbies / Inte	amacte	60		
1. Playing an	id watching cricket.		-	(V)
2. Reading b	ooks.	40		S
3. Listnina m	usic.	20 -		-
				E.
Strengths		0 +	1 1	
1. Sharp mer	mory.		2005 2006 2007	
2. Time man	agement in my home work.			
3. Having go	od speech.	U		
Weaknesses				
1. Getting bo	red by reading same books.			
2. Home sick	ness.			
3. Weak in m	naths.			

Show All Round Result link shows up following report.

			St	udent N	lame: T	shering	Dorji (TS N	mber: 6100	0006586	View St	udent	Details			
														<u>Perc</u>	entile Gra	<u>ph</u>
No.	Round	School Code	Class	Section	English	Maths	Science	Total	English Percentile	Maths Percent	Science ile Percenti	e T le Per	otal centile	80	1	
100	2006	9100034	7	С	37	16	22	75	77.9	38.7	75.3	5	77.2	60		-
20	2007	9100034	8	A	32	17	17	66	64.0	59.9	57.4	5	73.2	40		
	0.11				ol :11		Skill I	Based	Report - Er Question	nglish ns 2006	Questions	2007				
	Sr No.				Skill		Skill I	Based	Report - Er Question In Skil	nglish ns 2006 I %	Questions In Skill	2007 %		Graph		

Different Data reports: Displays national level all round results classified based on class wise, subject wise – Mean and SD. Dzongkhag level all round results are displayed based on dzongkhag wise, class wise, subject wise – Mean and SD.

													. 112	25	Bhi	tan	Chil	ITr	acki	ina S	lust	m											
													11.5	-																			н
Natio	nal L	eve	el Al	l Ro	ound	Resi	ult -	Sum	mar	y Re	port	(Sh	ow Gi	aphic	ally)	1																	
Round					Class	3				1	2014	112	3	Class	4							â	lass 5	6								lass	6
	En	glish	1		Math	5	S	cienc	e		Englis	h		Math	5		cienc	e	-	Englis	h		Maths		S	cience	e	1	Englis	h		Math	
	NA	VG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD
2005	221	22		97	59.3	18.5	1227	100	722	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9
2006	1186	5.9	15.3	118	3 54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9		0.0	0.0	130	39.3	11.8
2007	C	0.0	0.0	122	2 57.0	20.4		0.0	0.0	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2
Dzon	jkha	g L	evel		Rou	nd R	esult	t - SI	umm	nary	Rep	ort																					
Dzon	jkha	g L	evel	All	Rou	nd R	esuli Class	t - Si 3	umn	nary	Rep	ort			_	Class	4								Class	5							
Dzon	<u>jkha</u>	g L	evel	All Engli	Rou	nd R	esuli Class Mathe	t-Si 3 5	umn	nary Scien	Rep ce	ort	Englis	;h	T	Class Math	4 5		Scien	ce		Englis	h		Class Math:	5		Scien	e		Englis	:h	I
Dzon Dzongk	jkha hag Ri	g L ound	evel I N	All Engli AV(Rou ish G SD	nd R	e suli Class Math AVG	t - Si 3 s SD	umn s N	nary Scien AVG	Rep ce SD	ort N	Englis A¥G	:h SD	N	Class Math AVG	4 s SD	N	Scien AVG	ce SD	N	Engli: AVG	h SD	N	Class Math: A¥G	5 ; SD	N	Sciene A¥G	ce SD	N	Engli: AVG	h SD	N
Dzony Dzongk Bumtha	jkha hag Ri	g L ound	evel I N	All Engli AV(Rou ish G SD	nd R	esuli Class Math A¥G	t-S. 3 5 SD	umm s N	Scien AVG	Rep ce SD	ort N	Englis A¥G	:h SD	N	Class Math AVG	4 s SD	N	Scien AVG	ce i SD	N	Engli: A¥G	h SD	N	Class Math AVG	5 5 5D	N	Scien A¥G	ce SD	N	Engli: AVG	:h SD	N
Dzony Dzongk <u>Bumth</u> a	jkha hag Ro ing 2	g L ound 005	evel I N	All Engli AV(Rou ish G SD	nd R N 97	esuli Class Mathe AVG	t - S 3 5 50 18.5	umm S N	Scien AVG	Rep ce SD	ort N	Englis AVG 36.2	:h SD 14.3	N 12:	Class Math AVG	4 s SD 17.3	N 122	Scien AVG 54.1	ce SD 17.6	N 123	Englis AVG 40.9	h SD 13.2	N 123	Class Math AVG 21.9	5 5 5D 9.3	N 123	Scienc AVG 42.8	ce SD 13.0	N 110	Englis AVG	h SD 13.8	N 11
Dzons Dzongk <u>Bumth</u> a	jkha hag R ing 2 2	g L ound 005 006	evel N -	All Engli AV(Rou ish G SD - 9 15.3	nd R N 97	esuli Class Math AVG 59.3	t - S 3 5 18.5 20.9	umn N - 118	Scien AVG -	Rep ce SD - 17.1	ort N 122 119	Englis AVG 36.2 40.6	h SD 14.3 12.5	N 3 12: 5 11:	Class Math AVG 2 45.9 36.4	4 5 50 17.3 14.0	N 122 119	Scien AVG 54.1 48.6	ce i SD 17.6 i 12.9	N 123 130	Engli: AVG 3 40.9 42.3	h SD 13.2 13.8	N 123 130	Class Math: AVG 21.9 35.0	5 5 5D 9.3 12.5	N 123 130	Scienc AVG 42.8 49.3	ce SD 13.0 14.9	N 116	Englis AVG 5 42.1	h SD 13,8	N 11 13
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Dzongk Bumtha Chhukh	Jkha hag R ing 2 2 2 2 2	g L ound 005 006 007	evel N - 118 -	All Engli AV(65,	Rou ish S SD - 9 15.3	nd R N 97 118 122	esuli Class Math: 59.3 54.0 57.0	t - S 3 5 18.5 20.9 20.4	umm N - 118 -	Scien AVG - 69.1	Rep ce SD - 17.1	0rt N 122 119 129	Englis AVG 36.2 40.6 45.2	h SD 14.3 12.5 16.6	N 122 119 129	Class Math AVG 2 45.9 9 36.4 9 43.4	4 5 50 17.3 14.0 15.4	N 122 119 129	Scien AVG 54.1 48.6 43.8	ce SD 17.6 12.9 12.8	N 123 130 126	Englis AVG 3 40.9 3 42.3 5 60.9	h SD 13.2 13.8 15.7	N 123 130 126	Class Math AVG 21.9 35.0 40.2	5 50 9.3 12.5 14.6	N 123 130 126	Scient AVG 42.8 49.3 45.5	sD 13.0 14.9 15.1	N 116 - 138	Englis AVG 5 42.1 - 3 42.9	h SD 13,8 - 14,6	N 11 13 13
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The link on each dzongkhag name will display gewog wise -class wise, subject wise - Mean and SD as shown below.

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The link on each gewog name will display village wise- class wise, subject wise - Mean and SD as shown below.

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	Ν	AVG	SD	N	AV	GS	D	N	A¥G	SD	N	AV	G SI	D	N A	¥G	SD	Ν	AVO	i SD	N	AV	G SD	e (91	AVI	G SD	N	AVG	SD	N	AVG	SD	N	AVO	SD SD	N
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The link on each village name will display school wise, class wise, subject wise – Mean and SD as shown below.

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2005				97	59.3	18.5				122 3	6.2 1	14.3	122 4	5.9 1	7.3	122 5	4.1 17	7.6 1	23 40	9 13.	2 123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9 1	11.9	1
2006	118 6	65.9	15.3	118	54.0	20.9	118	59.1	17.1	119 4	0.6 1	12.5	1193	6.4 1	4.0	119 4	8.6 12	2.9 1	30 42	3 13.	8 130	35.0	12.5	130	49.3	14.9		0.0	0.0	130	39.3	11.8	
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The link "Show Graphically" will display national level- class wise, subject wise – Mean and SD as shown below.



The link on each school name will display student wise- the class wise, subject wise – Mean and SD as shown below.

Bhutan Child Tracking System

	% of stu	dents answeri	ng correctly	
Sr No.	Round	English %	Maths %	Science %
1	2005			
2	2006	66.3	54.0	68.9
3	2007	51.8	50.3	53.8

			School Name: Zil	ukha	Lower S	econdar	ry Scho	ol Scho	ool Cod	le: 61000:	17		
Sr No.	Round	CTS Number	Student Name	Class	Section	English	Maths	Science	Total	English Percentile	Maths Percentile	Science Percentile	Total Percentile
1	2007	5100000014	Jigme Dorji	з	A		17		17	0.0	66.1	0.0	18.7
2	2007	4100000029	Kinlay Gyalya	3	С		10	16	26	0.0	17.3	45.4	31.3
3	2007	7100000037	Kinley Sithu	З	С	5	13	17	35	5.2	36.0	52.5	42.4
4	2007	7100000041	Kinley Tenzin	З	С	12	13		25	21.3	36.0	0.0	30.2
5	2007	1100000055	Khamsum Chorten	3	С	19	15	18	52	51.4	51.7	60.5	69.7
6	2007	9100000069	Namgay Hangchuk	З	A	14		17	31	28.6	0.0	52.5	37.4
7	2007	7100000077	Nima Gyeltshen	З	Α	25	17	21	63	78.7	66.1	81.9	86.2
8	2007	9100000083	Rinzin Wangchok	З	В	27	24	25	76	86.3	94.0	97.3	97.3
9	2007	5100000097	Sagar Basneth	3	В	13	11	7	31	24.8	22.6	7.6	37.4
10	2007	3100000109	Sherab Tenzin	З	С	15	14	18	47	32.8	43.9	60.5	61.1
11	2007	7100000112	Tawchu	З	Α	21	15	22	58	61.1	51.7	87.5	79.2
12	2007	8100000127	Tandin Wangchek	3	с	14	7	20	41	28.6	8.0	74.9	51.1
13	2007	8100000135	Tandin Tshewang	З	В	10	17	14	41	14.9	66.1	33.1	51.1
14	2007	1100000145	Tashi Tsering	3	в	21	21	22	64	61.1	85.6	87.5	87.3

Skill wise report is also displayed as shown.

	Skill Wise Report For Class: 3 Subject: English			
Sr No	. Skill	2005 %	2006 %	2007 %
1	Knowledge of spellings and all types of words	144	59.8	51.0
2	Deduction of contextual meanings of words		58.7	64.3
3	Understanding of organisation, sequence and context		81.4	50.0
4	Recognition and reproduction of stated facts	-	74.4	72.8
5	Making inferences using contextual clues & prior knowledge		72.1	53.2
6	Analysis of characters and situations		77.9	57.1
7	Interpretation of information in poems		74.4	57.1
8	Construction of sentences/formal/ informal responses		56.4	53.6
9	Usage of Grammar and Punctuation		49.0	65.6
	Skill Wise Report For Class: 3 Subject: Maths			
r No.	Skill	200)5 200 %)6 200 %
1	Number sense, related concepts and basic number competenc	y	59	.8 61.
2	Arithmetic operations: Addition and Subtraction		- 51	6 60.
3	Arithmetic operations: Multiplication	-	40	7 64.
4	Word problems and visual based problems		55	.5 44.
5	Basic Shapes and Geometry		64	.5 72.
5 6	Basic Shapes and Geometry Applications in daily life: money, time, calendar, length etc		· 64 · 54	.5 72. .9 64.

Child/Parent Login: The Child/Parent login will display the relevant child's details:

	Deta	ails For Tshering D	orji	
	Pers	sonal Information		Edit
	Name :	Tshering Dorji	Gender	: Boy
6	Date Of Birth :	20-03-1996	Is Physically Challenged?	: No
	Father's Name :		Mother's Name	
The second secon	Occupation Of Father :	Business		
Contact Infor	mation	Tshering's School In	formation	
Address	:Changbangdu	School Name : Ch	hang Zamtog Lower Secondary Sch	ool
Gewog	:Bartsham	Address :		Village : Buli
Village	:Bargoen	Gewog : Cł	nhume	Phone :
Phone	:	Email :		School Type :
Email		Principal's Name :		
Other Inform	ation	Tshering's School Te	st Result Information Show A	ll Round Result
School	: Chang Zamtog Lower Secondary School	Report Type:	Percentile Graph	t: All
Class	:4		,	
Section	:B	100		
Mother Tongu	e:Sharchop	100 —		
Nationality	:Bhutanese	80 —		
Hobbies/Inte	rests	60 -		—м
1. Playing and	l watching cricket.	10		
2. Reading bo	oks.	40		s
3. Listning mu	isic.	20 —		— Е
Strengths		0 +		
1. Sharp mem	iory.		2005 2006 2007	
2. Time mana	gement in my home work.			
3. Having goo	d speech.			
Weaknesses				
1. Getting bor	ed by reading same books.			
2. Home sickr	iess.			
3. Weak in m	aths.			

Bhutan Child Tracking System

	% of stu	dents answeri	ng correctly	
Sr No.	Round	English %	Maths %	Science %
1	2005			
2	2006	66.3	54.0	68.9
3	2007	51.8	50.3	53.8

			School Name: Zil	ukha	Lower S	econdar	y Scho	ol Scha	ol Cod	e: 61000:	17		
Sr No.	Round	CTS Number	Student Name	Class	Section	English	Maths	Science	Total	English Percentile	Maths Percentile	Science Percentile	Total Percentile
_ 1	2007	5100000014	Jigme Dorji	з	A		17		17	0.0	66.1	0.0	18.7
2	2007	4100000029	Kinlay Gyalya	З	С		10	16	26	0.0	17.3	45.4	31.3
з	2007	7100000037	Kinley Sithu	з	С	5	13	17	35	5.2	36.0	52.5	42.4
4	2007	7100000041	Kinley Tenzin	з	С	12	13		25	21.3	36.0	0.0	30.2
5	2007	1100000055	Khamsum Chorten	з	С	19	15	18	52	51.4	51.7	60.5	69.7
6	2007	9100000069	Namgay Hangchuk	з	A	14		17	31	28.6	0.0	52.5	37.4
7	2007	7100000077	Nima Gyeltshen	з	A	25	17	21	63	78.7	66.1	81.9	86.2
8	2007	9100000083	Rinzin Wangchok	з	в	27	24	25	76	86.3	94.0	97.3	97.3
9	2007	5100000097	Sagar Basneth	з	В	13	11	7	31	24.8	22.6	7.6	37.4
10	2007	3100000109	Sherab Tenzin	З	С	15	14	18	47	32.8	43.9	60.5	61.1
11	2007	7100000112	Tawchu	з	A	21	15	22	58	61.1	51.7	87.5	79.2
12	2007	8100000127	Tandin Wangchek	з	с	14	7	20	41	28.6	8.0	74.9	51.1
13	2007	8100000135	Tandin Tshewang	з	в	10	17	14	41	14.9	66.1	33.1	51.1
14	2007	1100000145	Tashi Tsering	3	в	21	21	22	64	61.1	85.6	87.5	87.3

Skill wise report is also displayed as shown:

	Skill Wise Report For Class: 3 Subject: English			
Sr N	o. Skill	2005 %	2006 %	2007 %
1	Knowledge of spellings and all types of words		59.8	51.0
2	Deduction of contextual meanings of words		58.7	64.3
з	Understanding of organisation, sequence and context		81.4	50.0
4	Recognition and reproduction of stated facts		74.4	72.8
5	Making inferences using contextual clues & prior knowledge		72.1	53.2
6	Analysis of characters and situations		77.9	57.1
7	Interpretation of information in poems		74.4	57.1
8	Construction of sentences/formal/ informal responses		56.4	53.6
9	Usage of Grammar and Punctuation		49.0	65.6
	Skill Wise Report For Class: 3 Subject: Maths			111.5.1
r No.	Skill	20 0 %	05 200 %	06 200
1	Number sense, related concepts and basic number competenc	y	- 59	.8 61.
2	Arithmetic operations: Addition and Subtraction		- 51	.6 60.
3	Arithmetic operations: Multiplication		- 40	.7 64.
4	Word problems and visual based problems		- 55	.5 44.
5	Basic Shapes and Geometry		- 64	.5 72.
6	Applications in daily life: money, time, calendar, length etc		- 54	.9 64.
7	Data interpretation		- 47	.3 33.

Student data bulk Upload interface: This interface allows schools or the REC personnel to do a bulk upload of the students data received from the schools. To do the bulk upload, first the Dzongkhag, Gewog, Village and the school need to be selected. The data should be provided in csv format (Excel file saved as CSV). All the asterisk marked fields are mandatory data while the others are optional. It is mandatory to have the first row as headers in that excel file. The upload interface would validate on the different column data and only if it is clean/correct it allow uploading else the errors will be displayed on the screen. Only after all the errors are corrected the upload of the data will be allowed by this interface. The access to this interface will be available based on rights only to the SATS admin and the school authority login. The student login will not be able to access this interface.

	Student Data - Bulk Upload										
	Dzongkhag	<all></all>	🖌 Ger	vog <all> v</all>	Village <a< th=""><th>Sc.</th><th>chool <all:< th=""><th>🕜 OR Scho</th><th>lool</th><th></th><th></th></all:<></th></a<>	Sc.	chool <all:< th=""><th>🕜 OR Scho</th><th>lool</th><th></th><th></th></all:<>	🕜 OR Scho	lool		
				File(csv):		Br	rowse				
	Upload File										
 Conditions to be observed File must be in CSV format. You can create file in MS Excel and save it as CSV file. All dates should be in dd-mm-yyyy format. First row should contain headers; the headers should exactly be in the sequence shown below: (* indicates mandatory fields.) 											
[Class*, Section, Roll No, First Name*, Last Name*, Father Name*, Mother Name*, Gender (B/G)*, Date of Birth*, Phone, Email, Physically Challanged (Y/N),											
lotherton	gue, National	ity, Occupation o	f Father, Occ	upation of Moth	er, Address, Fat	er Villag	ge Name, Fat	her Gewog Nar	me, Father I	Dzongkha Nar	me,
thild Villa	ge Name, Ch	ild Gewog Name	, Child Dzong	kha Name, Hob	by 1, Hobby 2, I	obby 3,	Strength 1,	Strength 2, Str	ength 3, We	eakness 1, We	eakness 2,

Deleting Duplicate records of teachers:

Weakness 3, Boarder (Y/N), Repeater (Y/N), WFP (Y/N)]

Query Interface (Find Teacher) User ID: arpit User Type: Admin								
Number of records to display per page: 25								
	(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)							
Dzongkhag	<all></all>	Gewog	<all> 💙</all>	Village <all></all>	School	MONGAR LSS	Class <all> 🗸 OR Schoo</all>	MONGAR LSS(Mongar)
◯ List of students ⊙ List of teachers ◯ List of schools								
Teacher Name			Gender	<gender> 🔽</gender>		Age <condition> 🗸</condition>	(Years) Experience	(In Years)
Qualification		Employme	ent Status	<status> 🔽</status>	Subjects 1	aught	Subjects	Can Teach
Search text								
Find								
				1 <u>2</u> ▶ Show	ving record	s 1-25 (28 Total)		
	Retrieve deleted teachers							
Sr N	• T <u>Firstname</u>	lastname gender	DOB	<u>School</u> Q	ualification	Subjects Taught	Subjects Can Teach	Action
1	1	Female	27-10-1979	MONGAR LSS B	.ED	ENG:6,8 MAT:6,8	ENG:4-10	View Edit Delete
2		Male	13-01-1980	MONGAR LSS B	.ED	GEO:7-8 MAT:7-8	GEO:7-8 MAT:7-8	View Edit Delete
3		Male	13-01-1980	MONGAR LSS B	.ED	GEO:7-8 MAT:7-8	GEO:7-8 MAT:7-8	<u>View</u> Edit Delete

The link to delete Duplicate records is available from the query interface for list of teachers for the school authority login. Upon clicking the link "delete", the teacher record will be deleted from the SATS teacher master database. All such deleted entries are stored in a separate table to check the user who deleted the teacher records and the date of deletion. The admin interface panel provides a link to view all such deleted duplicate teacher entries with a revert link to add accidentally deleted teacher records back to the teacher master SATS database. This interface can be used to delete duplicate records from the SATS teacher master database.

Retrieving the Deleted teacher entries: To view deleted teacher entries and to retrieve back the wrongly deleted teacher entries, click link 'View/Retrieve Deleted Teachers'. This link is rights based and requires rights to be assigned by the SATS administrator. This right is assigned to all school authority logins as a default option. The school authority login will be able to view, edit and delete teachers for their respective schools. It is also possible to view the deleted teacher entries from the query interface for the list of teachers as indicated above from the link 'Retrieve deleted teachers'.

	Admin Panel
1	User Administration
1.1	Current Admin Users
1.2	Add New Admin User
1.3	Delete User
1.4	Assign Rights
1.5	Change Password
1.6	Approve Child Data
1.7	Approve Teacher Data
1.8	Approve School Data
1.9	Query Interface
1.10	View/Retrieve Deleted Teachers
2	Data Upload And Validation
2.1	Upload Test Data
2.2	Upload students in bulk
3	Data Reports
3.1	Region Wise Result Summary Reports
3.2	ASSL 2008

Retrieving the wrongly deleted teacher Entries:

	Deleted Teachers									
Sr No	Firstname	lastname	gender	DOB	School	Qualification	Subjects Taught	Subjects Can Teach	Deleted By	Deleted On
1	(Male	13-01-1980	MONGAR LSS	B.ED	GEO:7-8 MAT:7-8	GEO:7-8 MAT:7-8	4101732	22-04-2009 16:35:13
✓ 2		1	Male	11-08-1973	MONGAR LSS		DZO:7-8 HIS:7-8	DZO:PP-10 HIS:PP-10) arpit	22-04-2009 16:41:08
	Retrieve									

All the deleted teacher records history is maintained in the SATS database and shown with the details including who deleted the record with the time stamp. Any wrongly deleted teacher record can be reverted back into the SATS teacher master database by selecting that record and using the 'Retrieve' button as shown above.

Promote/Demote class interface (for full Bhutan Schools or for individual Schools):

This interface is available to the Admin login to promote students to higher classes year after year. All the students who are promoted from class 12 will be moved to **EOS_year** scheme meaning 'End of School _ in that specific year'. This would allow retrieving data of students who passed out 12th Standard year after year. For other classes, promoting would increment their class by 1 while demote feature will decrement the class by 1. In addition, the interface also allows promoting or demoting class for all the schools or a specific school before the selected date or for the given range of SATS IDs on the date of clicking the promote/demote button as shown in the interface below:

Promote/Demote Class						
All Schools OF	Select School	MONGAR LSS(Mo	ongar) S	Select Date	23-04-2009	
		OR				
Enter SATS IDs (Comma separated E.g. 5100000014,2100000304)						
	Promot	e Demote				
	Show Promo	te/Demote Histor	<u>n</u>			

Features of Promote/Demote Interface:

- Select "All Schools" checkbox and the date to promote or demote all the students of all the schools in Bhutan.
- For using this feature on a specific school, type in the school name in the text box and select the date.
- Promote/Demote feature can also be done based on the SATS ID. Providing a comma separated SATS IDs in the given text area will promote or demote all these specific students on date of clicking Promote/Demote button.

Note:

- 1. Depending on the option selected (all schools or a specific school), all the students whose last date of promotion / demotion is less than the date in the 'Select Date' field will only be changed.
- 2. If this feature is used using SATS IDs then the promote/demote operation will be executed on the date of clicking this button irrespective of the last promotion/demotion date.
- 3. Please use this feature with care as it will affect the classes of each of students in the master database.

History of Promote/Demote Operation:

A history of promote /demote operation is saved and can be viewed by clicking the link "*Show Promote/Demote History*". This interface will show details of who executed the promote/demote operation based on the login id and also the selection made at time to executing this operation.

	Promote/Demote Class History								
Sr No	Entity	Action Done	Effective From	Action Done By	Action Done On	Total Students Effected			
1	5100000014,2100000304	Promoted	23-04-2009	arpit	23-04-2009 16:38:13	2			
2	5100000014,2100000304	Demoted	23-04-2009	arpit	23-04-2009 16:39:08	2			
3	4101732	Promoted	30-04-2009	arpit	23-04-2009 16:39:31	238			
4	4101732	Demoted	01-05-2009	arpit	23-04-2009 16:40:00	238			
5	5100000014,2100000304	Promoted	23-04-2009	arpit	23-04-2009 16:56:27	2			
6	5100000014,2100000304	Demoted	23-04-2009	arpit	23-04-2009 16:56:40	2			

Teacher Account Management:

Add/Edit interface for the Teachers will allow teachers to edit their respective data. The teacher or the SATS super user (admin login) can edit his/her details from this interface after login in with the teacher id (admin login id) provided by the SATS administrator. When adding new teachers to this system, the following information needs to be entered to create the teacher's profile.

Add	Following Details For Teacher
Personal Information	
First Name *	
Last Name	
Gender *	<gender></gender>
Date Of Birth *	01-01-1980
Maril al Status	
Photo	Browse
Is Physically Challenged?	O Yes N⊙
Contact Information	
Address *	
Phone	
Email	
Other Information	
School *	<school></school>
Designation/Position Held *	<designation></designation>
Status *	<status></status>
Qualification *	
EmployeeId	
Grade/PCS	
Subjects Taught	MATHS V AddMore
Subjects the teacher can teach	MATHS MAddMore
Date Of First Appointment	