



Jordan University of Science and Technology
Faculty of Computer and Information Technology
Department of Software Engineering
SE440 – Projects Management

Online School Management System

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• Introduction

OVERVIEW

United Nations Educational, Scientific and Cultural Organization (UNESCO, 2001) argues that education gives power to people: becoming more proactive and gain control over their lives. Basic education is one of the keys to empowerment, both for individuals and groups. It is the primary vehicle by which economically and socially marginalized adults and children can lift themselves out of poverty and obtain the means to participate fully in their communities.

Usually systems are built for improvements and solving particular problems that organizations face. Schools are one of the most important organizations that build up a well-developed and strong community in the world. Even though they're very reliable systems they still lack convenience, organization and modernization which cannot be done manually. Therefore, the idea of an electronic system has been introduced.

Information and Communications Technology (ICT) have been integrated in education in many developing and developed countries alike, In Jordan most schools have computer labs and the level of exposure to PCs and smartphones for the young ones is as high, with most being Internet connected, but the use of ICT in Jordanian schools is still lagging behind, the problem lies in how we are using all those resources. In a managerial perspective it is but nonsense to have that much ratio to actual usage.

The use of IS provides innovative ways to complement the traditional student-teacher interactions, to optimize resource usage, sharing, collaboration, improve the performance of students as well as raising morale for teachers and students. Therefore, the development of OSMS has high priority and hence relevance.

1.1 Purpose

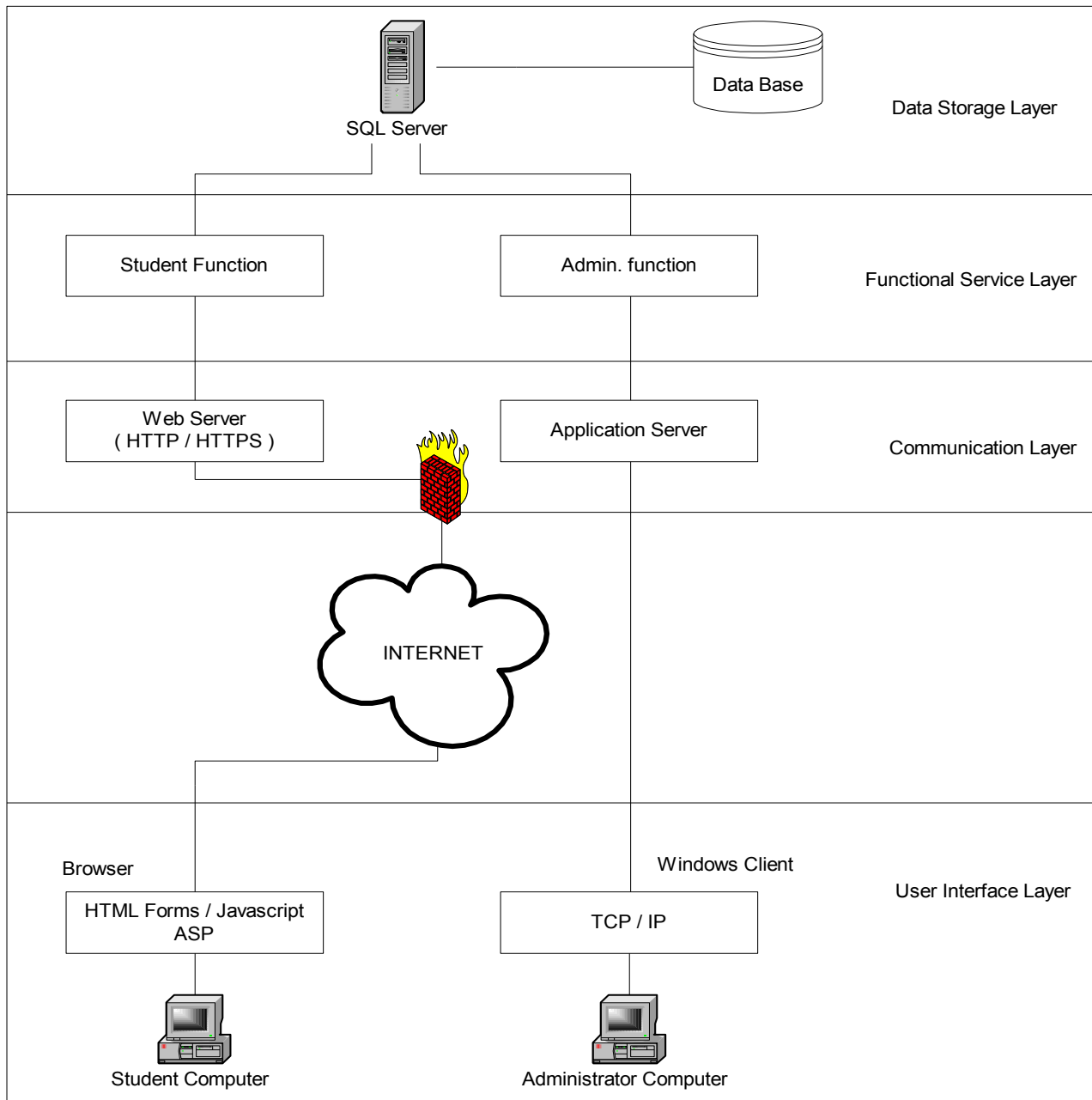
To create robust online system capable to make all the process in the school easier and reduce the amount of the work which assigned to the staffs.

1.2 Scope

The system organizes the processes done in any typical school electronically. It is a web based service that helps in managing the schools' system.

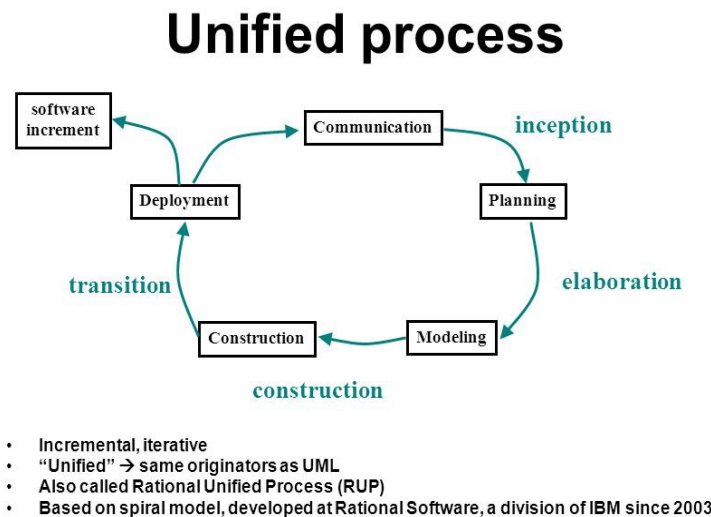
For example, this system introduces the process of registering students, uploading student's marks, accessing schedules, students and employees' attendance.

1.3 Architecture Diagram



1.4 Methodology used -SDLC- from initiation to implementation

Rational Unified Process provides a disciplined approach to assigning tasks and responsibilities within a development organization. Its goal is to ensure the production of high-quality software that meets the needs of its end-users, within a predictable schedule and budget, this process environment provides a central, common process definition that all software development team members can share, helping to ensure clear and unambiguous communication between team members.



This helps you to play the part you are expected of you in the project team by making it clear what your responsibilities are. As a general software engineering reference, RUP provides a wealth of guidance on software development practices.

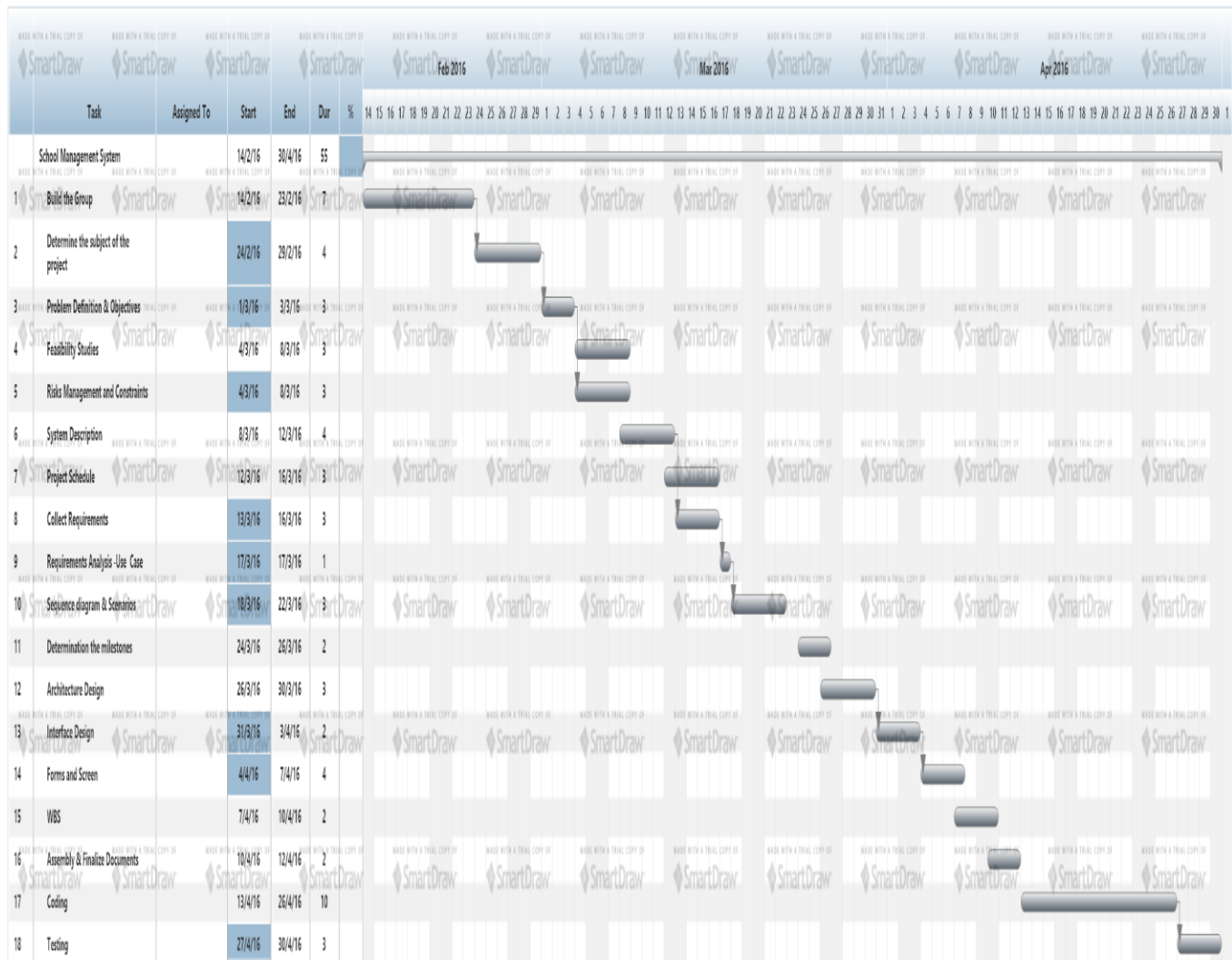
Why RUP?

At its heart, RUP is a collected body of software engineering practices that are continually improved on a regular basis to reflect changes in industry practices. In other words, it is the most flexible model available for building any type of software system and can scale from small to large and complex projects.

For our project “School System” this is the best approach to be taken for many reasons including:

- 1- Diverse team members.
- 2- Weekly time invested by each member is not well defined.
- 3- System scope can vary depending on arrival of new researched material on such systems.
- 4- Set points of each iteration well be defined.
- 5- Team management is not set on one person but rather by the whole team.
- 6-

1.5 Gantt Chart



1.6 Glossary

OSMS	Online School Management System
SOW	Statement of work
WBS	work breakdown schedule

• Planning phase

2.1 Feasibility Studies

2.1.1 Technical Feasibility

In our project, we need some of web development language such that: PHP, HTML and JavaScript, part of the group members' professional in these language and most of them learn these languages in many courses during the undergraduate studies. In addition to this we need some of software development and design skills such that: all of diagrams types like: Use case Diagram, Class Diagram, Sequence Diagram and etc. and all of group members know most of these skills, So it could be the work of the project in terms of technology.

The technologies to be used are:

- HTML, CSS and JavaScript browser scripting language for interactivity.
- PHP server scripting language.
- MySQL database engine.
- Extensible Mark-up Language (XML) for data description, structure, store and interoperability.

2.1.2 Scheduling Feasibility

This project could require up to almost two months. After calculate the time available to us during the semester and calculate the time required for each stage of the project, we can continue with this project and complete each stage in its available time and consideration extra time for each stage in order to avoid any expected delay in an emergency cases may happen during work on the project

2.1.3 Operational Feasibility

-This system will change the process of school management in a school from traditional paper system to a computerized and faster system.

-This system will help teachers, students and all school staff to accomplish their jobs easily and from anywhere.

-Using the system is easy and anyone can learn how to use it in short time because of this system has friendly interface.

-This system suitable for most of schools and, but we must keep in mind that these schools remain in touch with the designers to keep up with any amendments and additions to the system.

2.2 Risks

1. The lack of experience of some programming languages, team members would like to learn.
2. Possible in some schools there is not sufficient computers.
3. Users don't understand the software engineering process
4. technology is new for users
5. System could be hacked easily
6. Lack of time management which might lead to a delay of the submission
7. Some of team members may misunderstand the requirements, which will lead to wrong work which is a waste of time
8. When testing the code, the system might break down

• Analysis phase

3.1 Techniques used to collect requirements

- - Interview

Open-ended interview questionnaires were used to interview selected schools' stakeholders (administrators, students and teachers).

- - Existing Documents

Going through existing relevant documents including searched documents from the Internet related to educational information system software.

- - Brainstorming.

3.2 Problem Analysis, Statement and Planning

CURRENT SYSTEM (Analysis & Statement)

The current system "EduWave" is lacking in many regards, for example if we look at the following screenshots of the actual system as seen by a teacher's role:

The screenshot displays a user profile page for a teacher role in the EduWave system. The page is cluttered with unaligned text and labels. It shows fields for user ID, name, email, and contact information, but lacks essential details like course type and language. The layout is poor, with labels and values not properly aligned, making it difficult to read.

Field	Value
رقم المستخدم	009822031306
اسم المستخدم	9822031306
الاسم الأول	رئيس
اسم الأب	محمد خير
اسم الجد	خليل
اسم العائلة	المبيضين
الاسم الأول باللغة الإنجليزية	rula
اسم العائلة باللغة الإنجليزية	almubaideen
تاريخ الميلاد	09/14/1982
الرقم الوطني للمدرسة	112596
حالة المستخدم	غير متوفر
البريد الإلكتروني	غير متوفر
العنوان	الحياتية / مازكا / مازكا
الرمز البريدي	0-78-6110079
الهاتف الأرضي	العربية
الهاتف الخليوي	
اللغة	

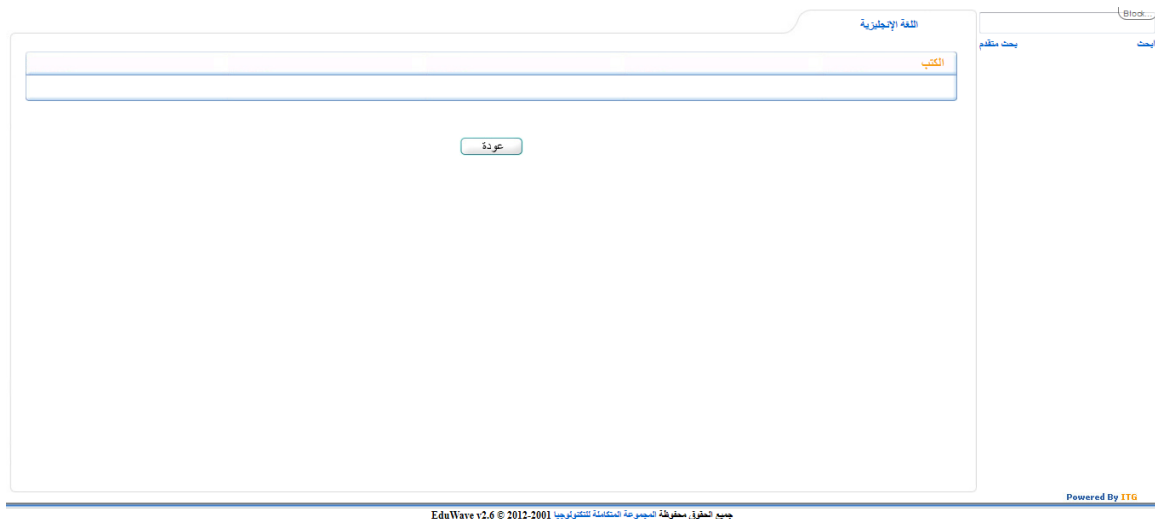
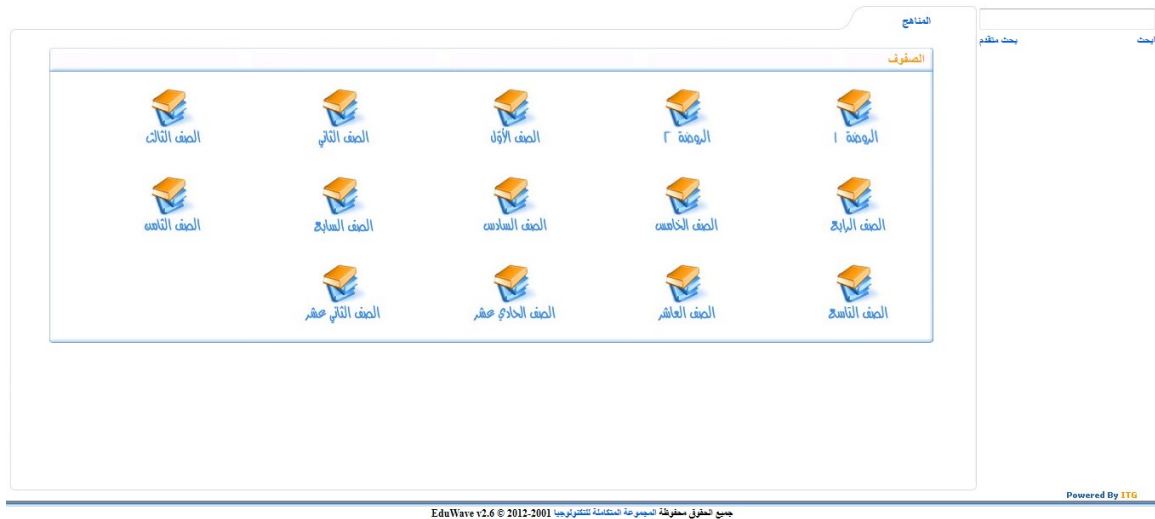
The above picture shows the user info page (teacher role) with many problems naming only two obvious ones: 1. Missing information such as, type of courses this teacher gives. 2. The layout is all over the place i.e. it's a nightmare in UI/UX design perspective: huge gaps, unaligned members of the same type and level...



The above one shows the real problem of the system, the need for manual consistency checks between dependent modules that are implemented in a way as if they are independent, here it needs the courses module to construct the schedule, yet they are made independent modules with manual labor that isn't being made by the school admin, and no one would blame him if he has to keep doing it manually across many classrooms, each serving up to 7 courses a day, with other out of class activities and sports/art sessions, if any, for many teachers.



As for the above picture, three words needed to explain the dire situation, empty electronic library.



Above two pictures show, the list of all basic education books and material by level (year) as seen in picture 1. After navigating to a certain material you are always ending up with the same empty page with different titles only, as seen in picture 2, which is a problem in the Data Base (DB) side of the system and/or DB connector.

As a summary:

1. The current scenario reveals that teachers are burdened with a lot of organizational work along with their basic task of teaching.
2. Organizational work is performed on Excel Spreadsheets those are difficult to collaborate with and keep all data in one place or on clumsy old-style software those are not easy to use and never fully featured.
3. Each school has its own isolated support systems, relying on many paper or spreadsheet-based tools. Also, some operate under individual rules, processes and guidelines.
There is no centralized system where all the schools' staff could execute their tasks, or one
4. Where the management was able to gather real-time data about all the schools' operations.

Which is why we deem the need for a complete overhaul of the system and introduce our OSMS as a far better solution. A software application for educational establishments to manage school tasks, teacher tasks, and student data, provide capabilities for entering student test and other assessment scores, building student schedules, tracking student attendance, and managing many other student-related needs in a school.

SYSTEM DESCRIPTION (Planning)

- A computerized system would be analyzed and designed throughout this project
- This system will allow teachers, advisors, parents and students to access it
- Accounts for all users will be handled every new academic year and given to students and the entire staff
- Assignments, notes, events, news and marks would be uploaded on the system
- This system could be accessed anywhere and anytime
- Users use their accounts to login and use the system
- The admin has all rights over the system and can moderate and delete any details

The modules covered in OSMS are:

1. Management Dashboard: reports of operational, HR and financial data...
2. Directorate Dashboard
3. Student Admissions: applications status, registration, admission tests and document submissions
4. Student Medical Information: with social support
5. Program & Class Structure: course lists by year, management of rooms and equipment, timetable generation, timetable view and class lists
6. Human Resources
7. Teacher Records: timetable, summaries (lesson notes), teachers list
8. Student Attendance: absence justification
9. Student Information: Students list, personal info, grades
10. Document Management: certificates, legal documents and others
11. Transfer certificate
12. Event Management
13. Examinations: exam timetables, grading
14. e-Report Cards: specified reports for parents
15. Student Fees & Scholarships: integrated with the central financial system including payment/refund and scholarship management (applications / interview candidate process)

16. Financial Accounts
17. User Management: enabling different user profiles that allow for each user to manage and access the right information, depending on their profile (Student, Parent, Teacher, Principal, Management, System Admin, etc.) as well as improved security throughout the system
18. Employee Login
19. Library
20. Transport
21. Various Reports

3.3 Functional requirements

- 1- School management system shall be network base
- 2- Admin shall add new student, teacher, and class and modify them.
- 3- Admin shall update school news i.e. Define different roles and assign privileges.
- 4- Display list of system users.
- 5- Allow registration and updates of users to the system.
- 6- Validate logins information (username and password) entered by the user in order to use the system and allow the registered user to login/out to the system.
- 7- Record the detailed information of a registered user to the system.
- 8- Track user login and logout information to/from the system, make updates to the record and View records of logins.
- 9- Allow registration of courses to the system, creation and updates of course chapter, chapter topics and assessment activities.
- 10- Record the detailed information of a registered course to the system.
- 11- Allow registration of a user to a course.
- 12- Record the detailed information of a registered user to a course to the system.
- 13- Display the home page of the role.
- 14- Find a course and display links of a list of all chapters, past papers and a link to syllabus for a selected course.
- 15- Track student's interaction with the course, update and view those records.
- 16- Display available resources for the role.
- 17- Track student's interaction with assessment activities (mostly exams), update and view them.
- 18- Generate time table.
- 19- Display calendar.
- 20-View the news event of the school
- 21-Display help for system functionality.
- 22-Handle message transfer between users.

- 23-Handle system database backups.
- 24-Admin shall manage the school activity
- 25-Student shall submit assignment online
- 26-Student shall communicate the teacher

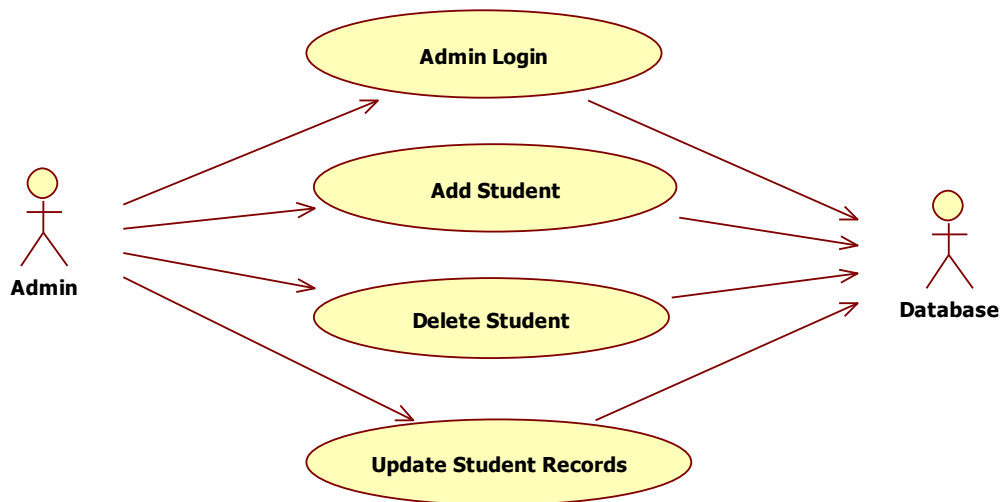
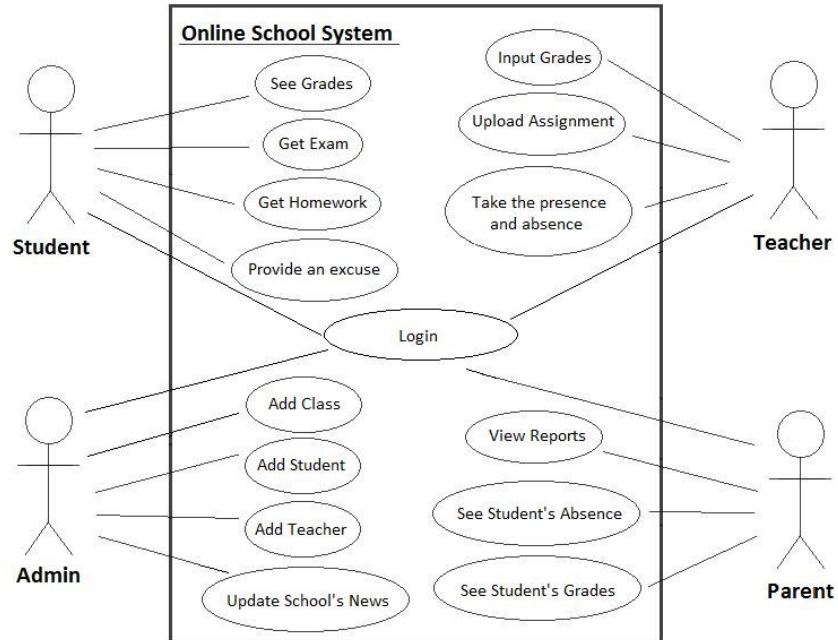
- 27-Teacher shall communicate with admin, student and parents of the student.
- 28-Teacher shall assign assignments to this student
- 29-Teacher shall mark attendance online
- 30-Teacher shall declare result online
- 31-Parents shall view reports of his child
- 32-Parents shall communicate with teacher
- 33-The system must be designed to be user friendly. The system interfaces should be simple and easy to use.
- 34-The system should be safe to use.
- 35-The system response time should be short.
- 36-The system allows registering and admitting a new student
- 37-The system allows maintains on the records of student marks that got in particular class
- 38-The system allows teacher to manage the whole record of student like quiz, assignment, midterms and final exams marks
- 39-The system allows teacher add, delete, update, and view student record of academic performance and his/her fees records.
- 40-The system allows Directorate viewing the whole schools record of students and teachers and other information.

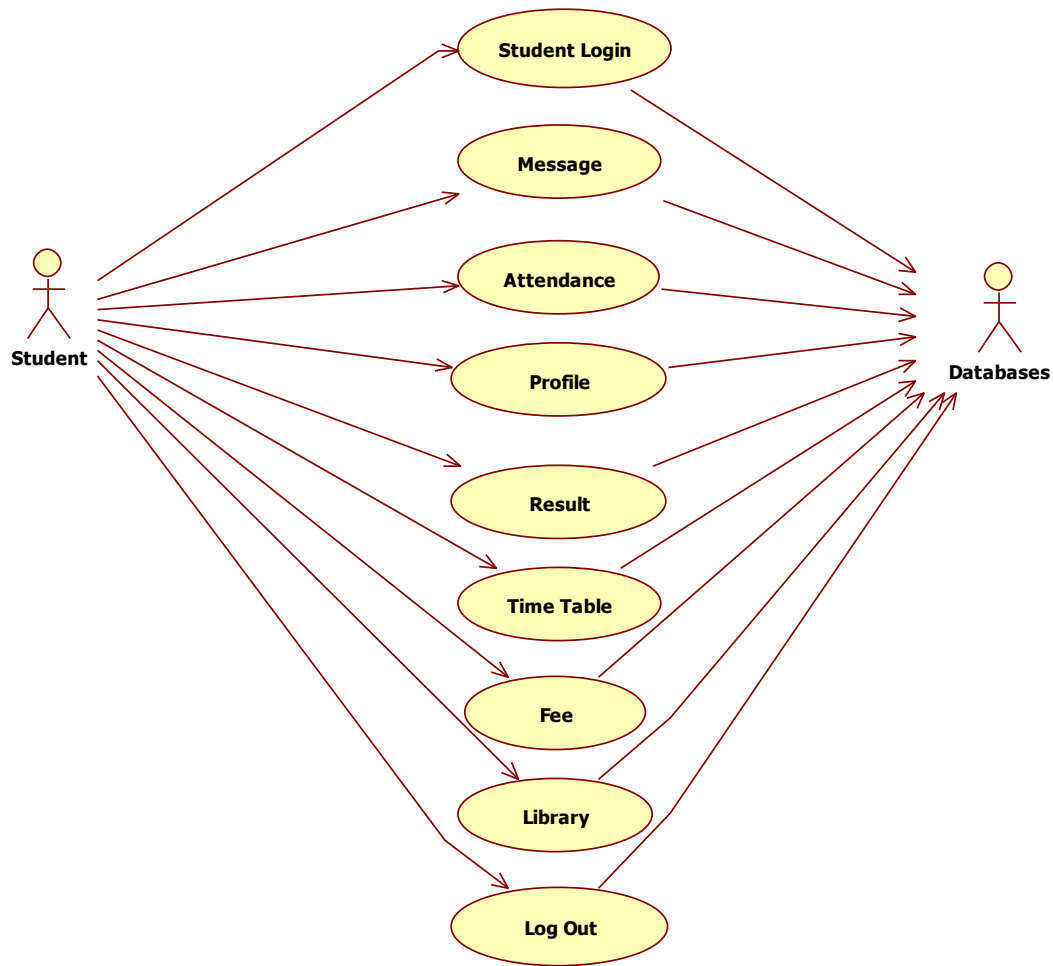
3.4 Non Functional requirements

1. The system should be easy to use.
2. The system should be available 24 hours.
3. System should provide specific information to specific user.
4. Right information is available to right student and teacher at right time.
5. Employees must respond to requests quickly.
6. The system should be easy to maintain.
7. The system response time should be short.
8. The system should be reliable
9. Protecting the database and the information stored
10. Mirroring and replication of the database so as to ensure high availability to end users

3.5 Project Requirement Analysis

3.5.1 Use Case





DOCUMENTATION OF USE CASE DIAGRAMS

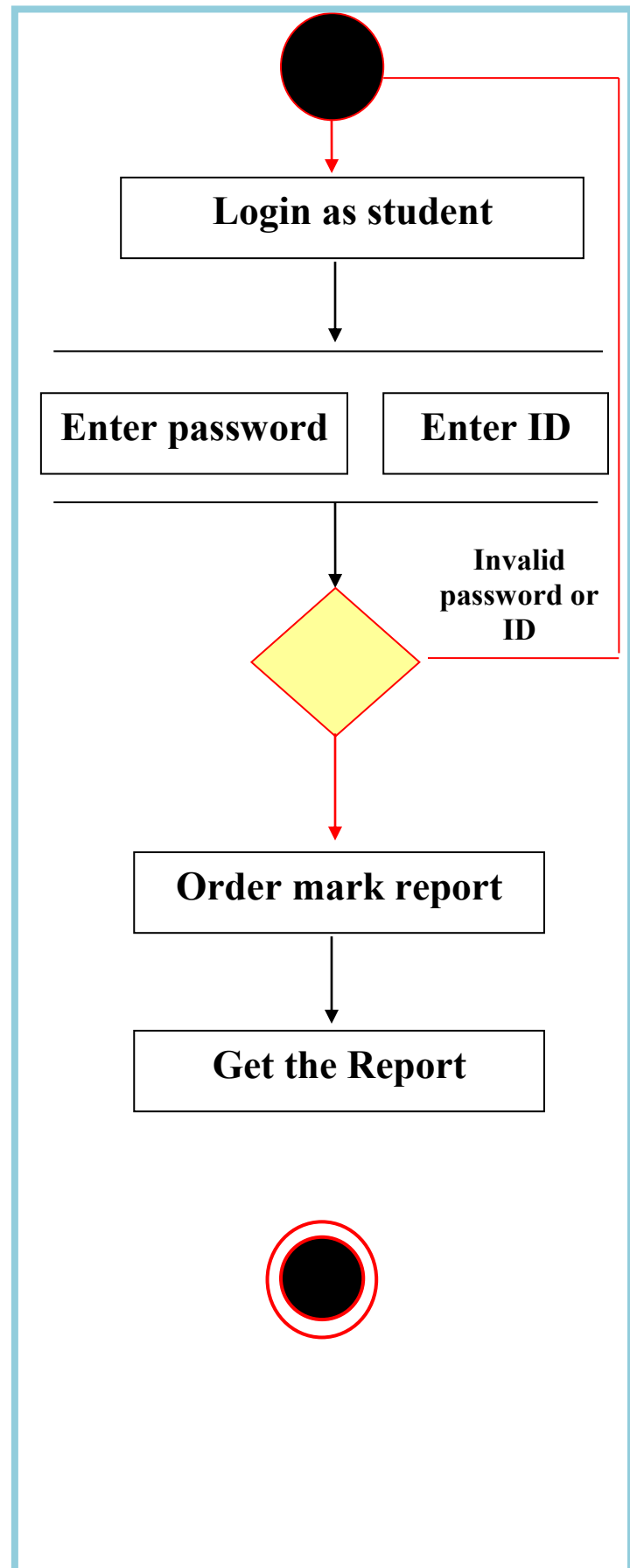
The actors in this use case diagram are Admin, Student, and Database. The use cases are the activities performed by actors.

- Admin register login, and store the student records details in database.
- Student Register from the Student Login process.
- Then the database is searched for details and verified.
- Database stores the details and returns acknowledgement

3.5.2 Scenario

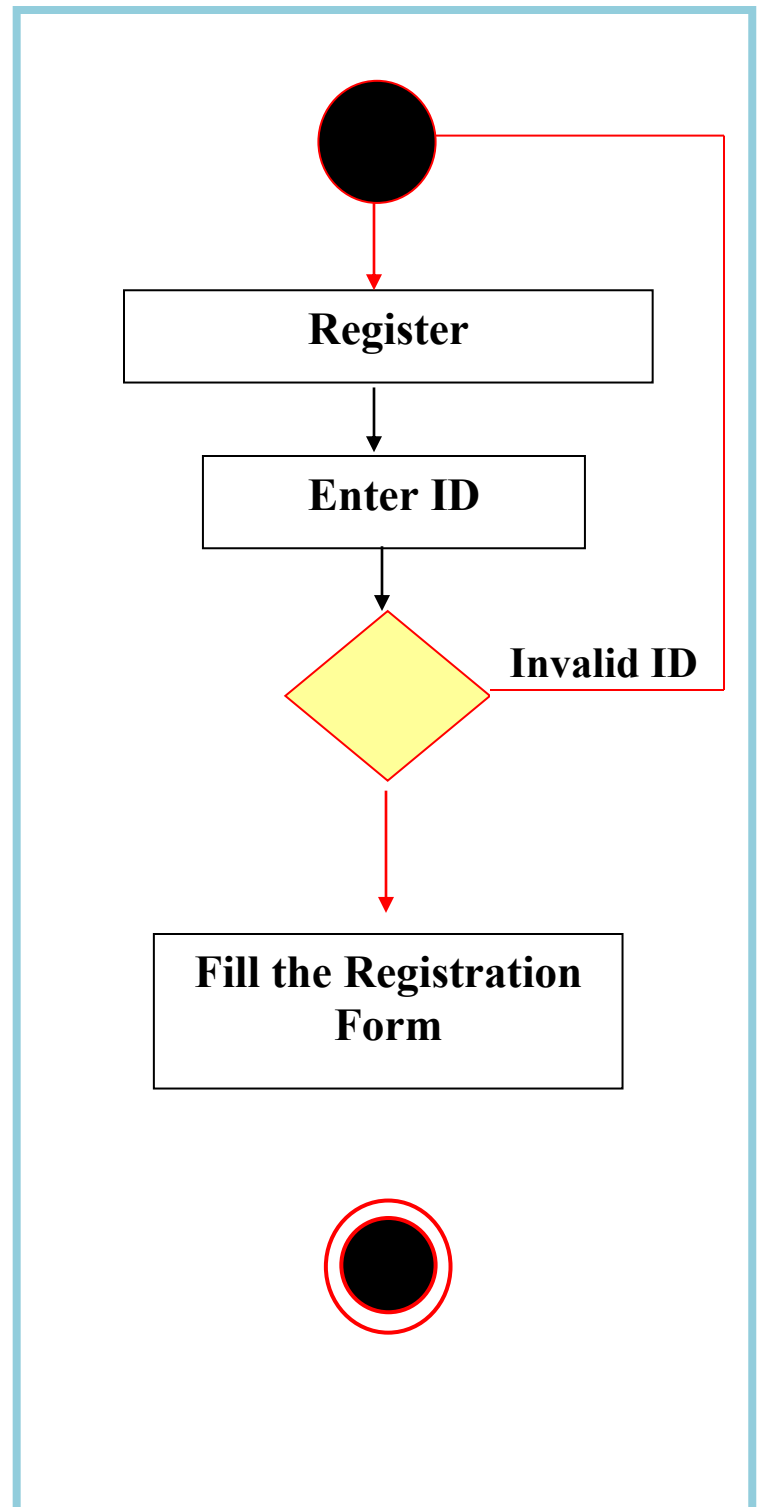
✓ Scenario (order mark Report)

- 1-someone opened the website
, choose students login
Tap.
- 2- She/he fills her/his password and ID field
- 3-she/he ordered her/his mark report.
- 4- Get the report after a few of minutes



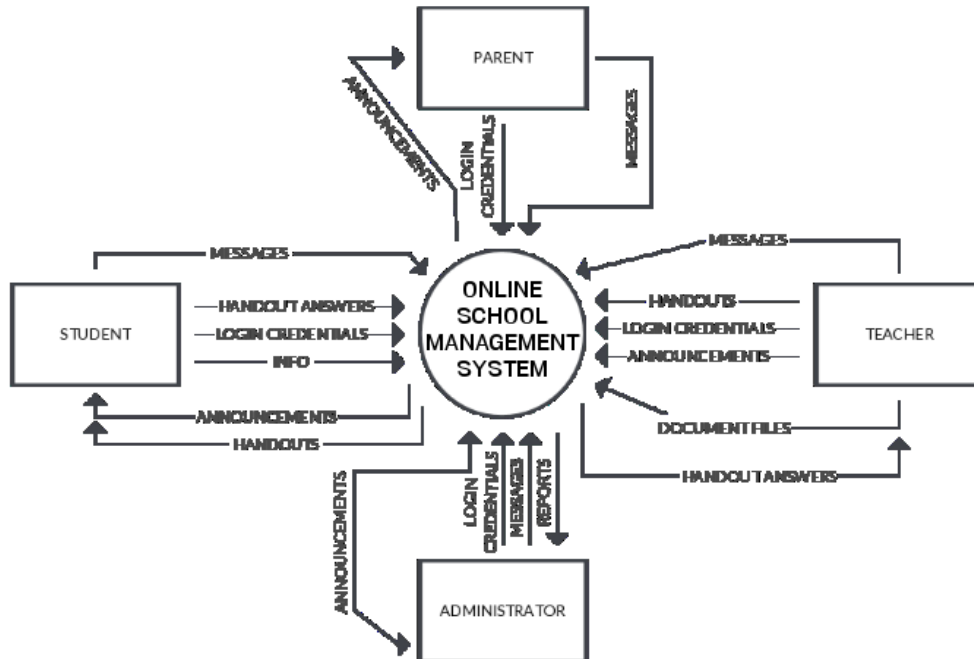
✓ Scenario (Registration)

- 1-someone opened the website
And choose the registration
Tab.
- 2-she/he fills her/his student ID field
- 3-The system check if it was in data
Base or not.
- 4-She/He fill the registration form

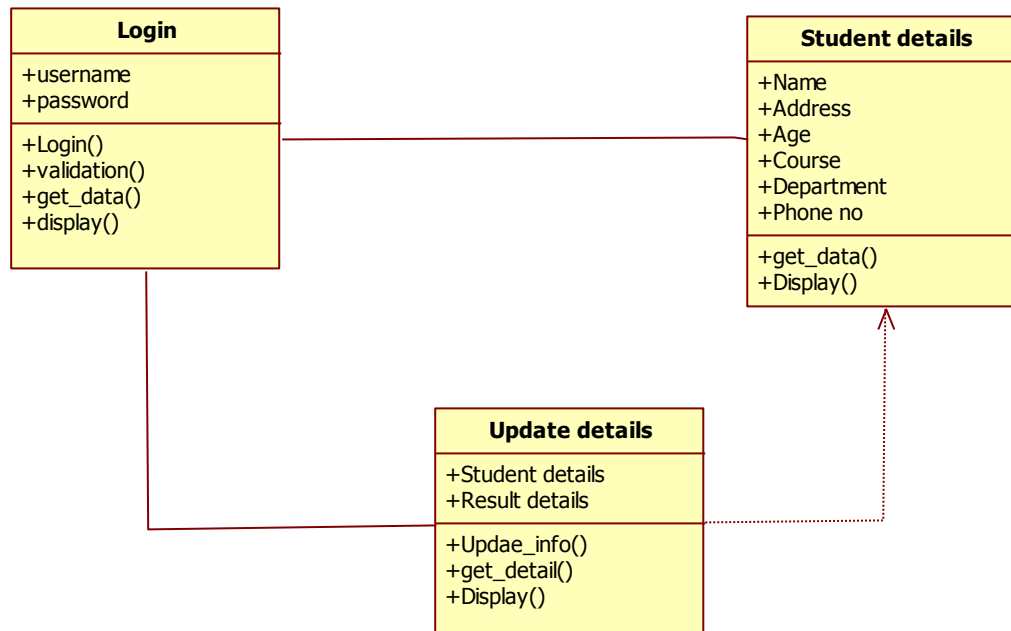


3.6 Process modeling

3.6.1 Context diagram



3.6.2 Class Diagram



DOCUMENTATION OF CLASS DIAGRAM

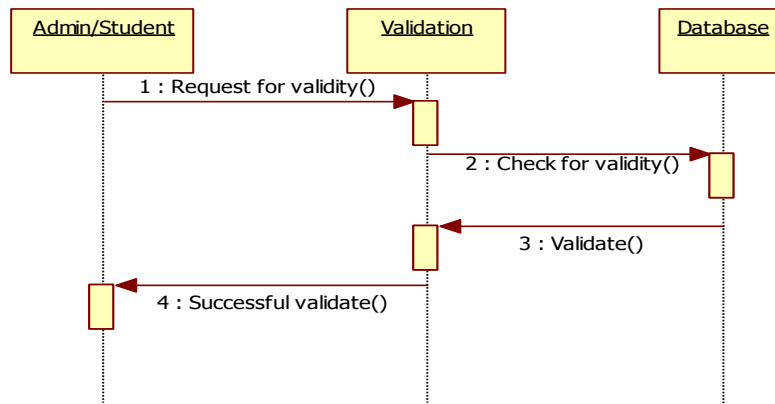
This class diagram has three classes Login, Student details and Update details in database.

- Students – is the class name. Its attributes are name, Address, DOB, Gender, College, Subjects, Semester, Year, Degree, and Branch. The operations Performed in the student's class, Store database and Update.
- Administration– is the class name. Its attributes are Login, Password and database. The operations performed are Student Details store in database and send acknowledgement.
- Database – is the class name. The operations performed are storing Search and storing the values.

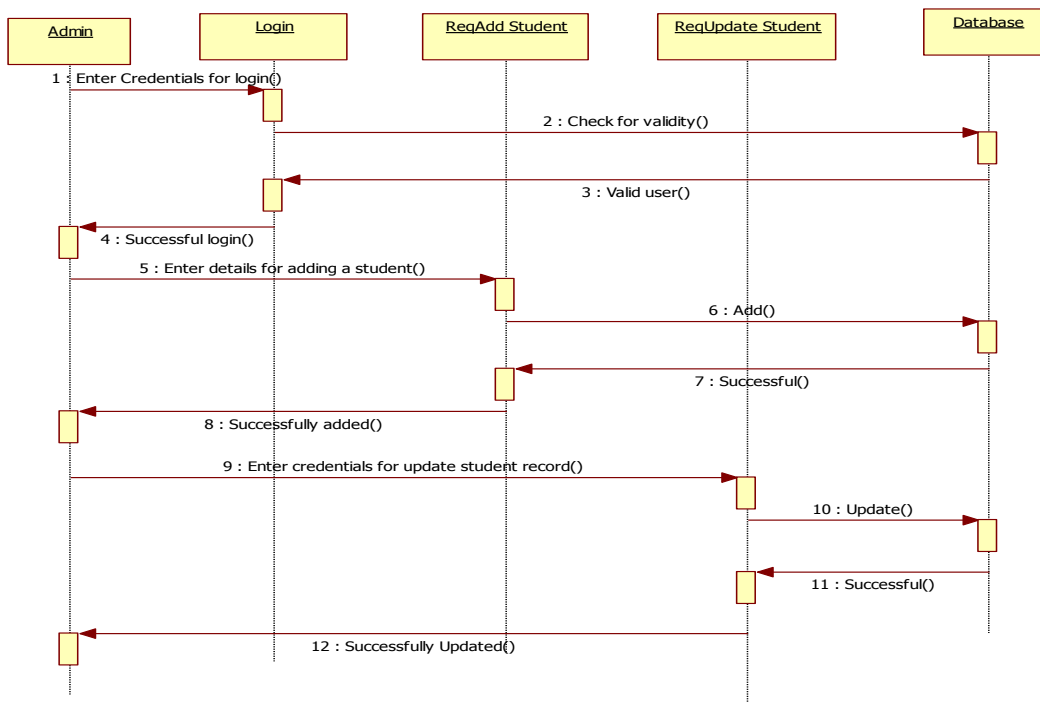
3.7 Logic Modeling

3.7.1 Sequence diagram

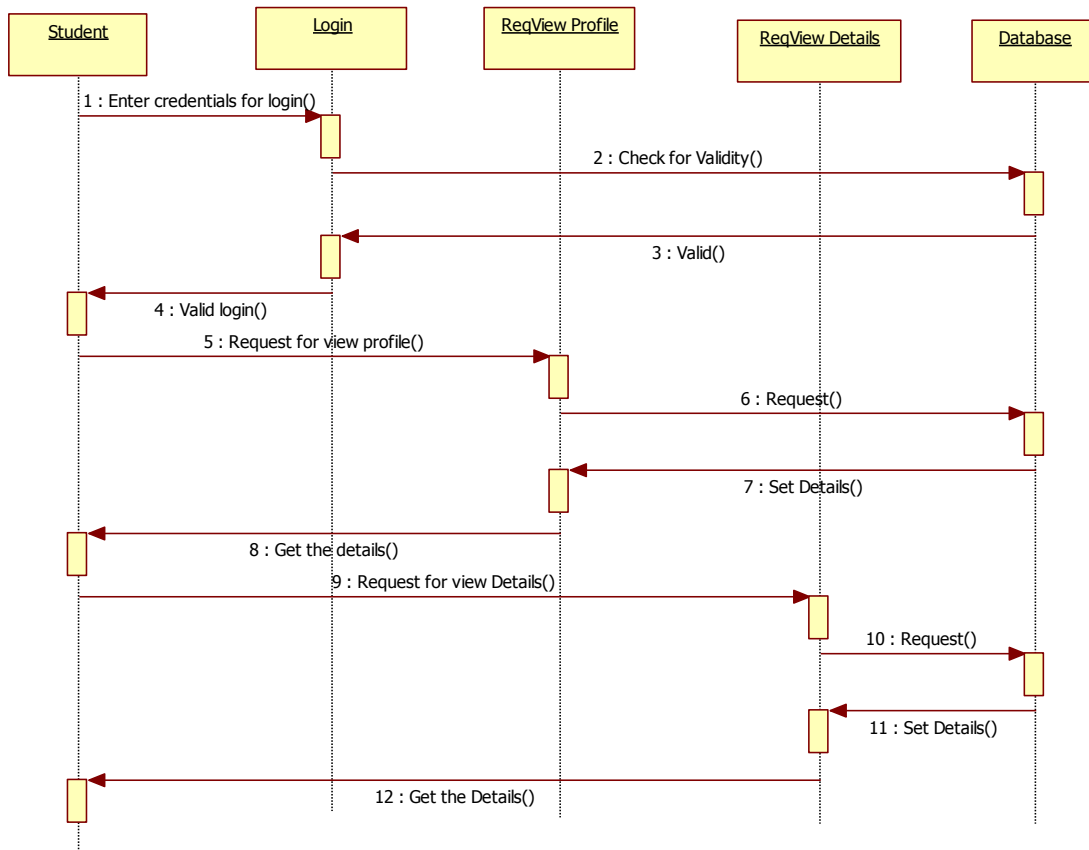
For Validity



For Administrator



For Student



DOCUMENTATION OF SEQUENCE DIAGRAMS

The sequence diagram describes the sequence of steps to show

- The Admin login and registering for Add Student Details.
- The verification done by the interface and sending acknowledgement for registration.
- Searching the database with login and displaying it for maintenance

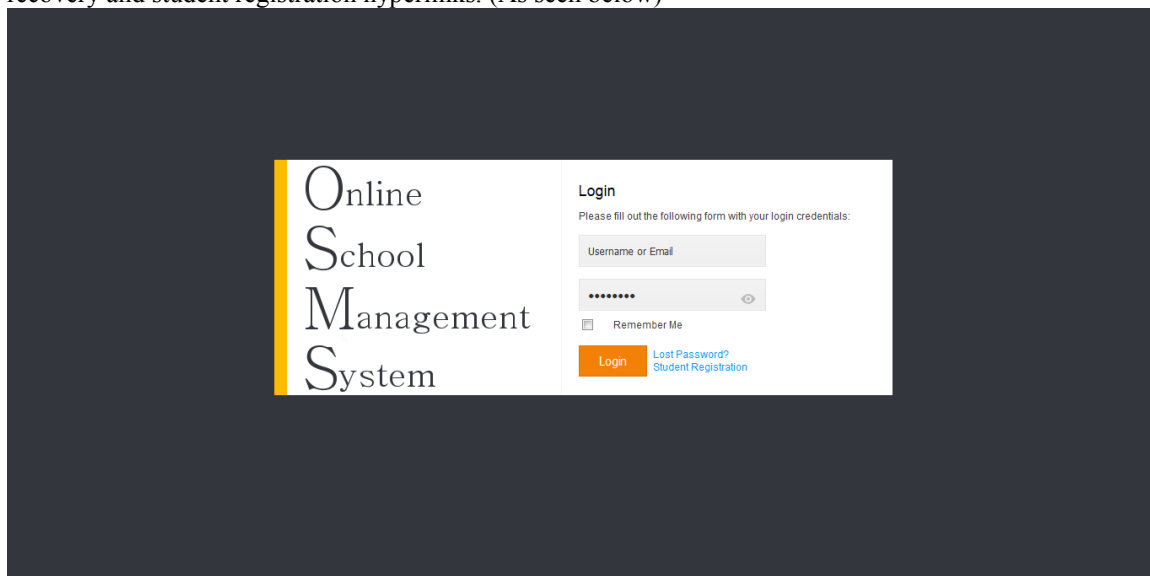
• Design Phase

4.1 Graphical user interface.

The following screenshots show the overall design and elements of the Graphical user interface to serve the users of Online School Management System, with brief descriptions.

1- Main views:

Login screen: Primary entry point for the service with normal login information needed as well as password recovery and student registration hyperlinks. (As seen below)



Student registration (enrolment): A form to be filled with various needed attributes for a student to be reviewed by administration staff of the school and either accept or decline the student, many of these attributes are personal identification information such as Name, others for past record if not first school, others for contacting the individual, and a personal photo, more attributes will be unlocked to be filled by student on administration staff request after acceptance, meanwhile on completion of the form an email detailing further details and a trigger to the school admins. (As seen below)

Student Enrolment - Student Information

Fields with * are required.

Personal Details

First Name *

Middle Name

Last Name *

National Student ID

Batch

Date Of Birth *

Birth Place

Nationality *

Language

Religion

Blood Group

Student Category

Gender *

☐ Male ☐ Female

CURRENT STATUS *

Contact Details

Address Line 1 *

Address Line 2 *

City *

State *

Pin Code *

Country *

Phone Number *

Phone 2

Email *

Upload Photo

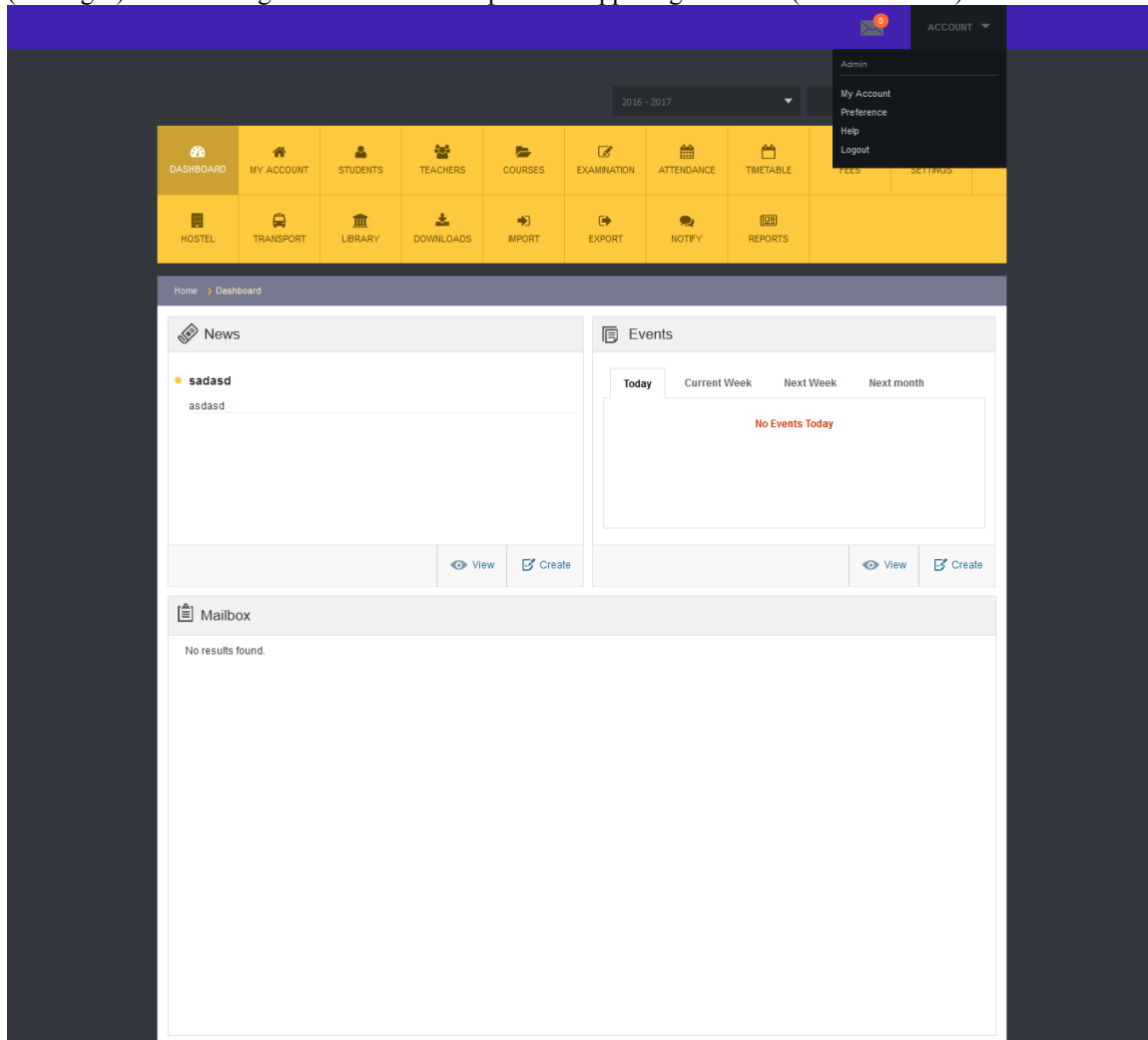
No file selected.

Maximum file size is 1MB. Allowed file types are png,gif,jpeg,jpg

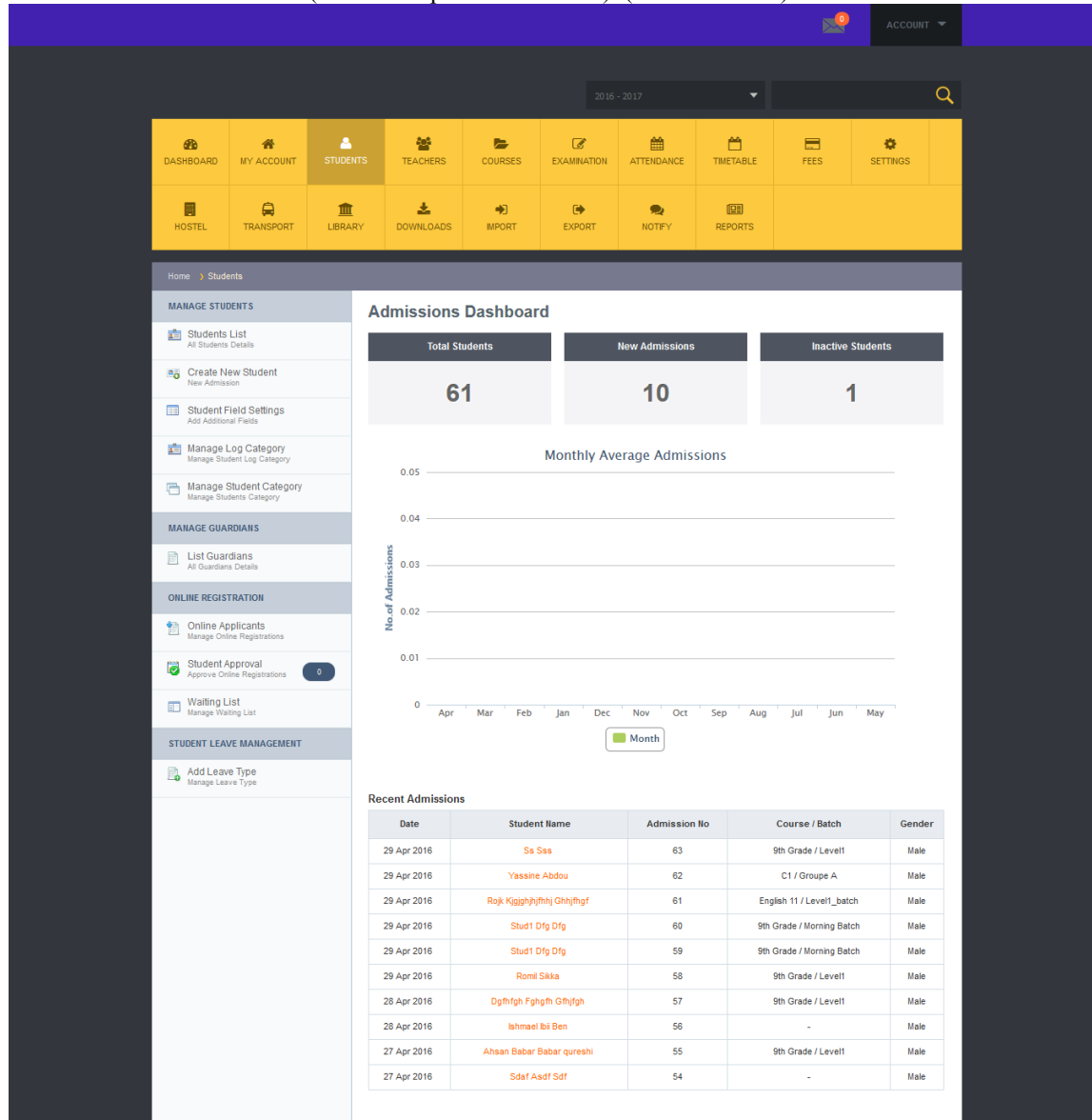
Save & Continue

2- Administrator views: Tabbed view of admin specific privileges.

Dashboard tab: In this the administrator sees all of the relevant information in the news, events, and his own mail (messages) also showing the account control panel on upper right corner. (As seen below)



Students tab: While a student is registered a tracking of progress and status changes as a record data will be kept in the system and viewed with different aggregation functions and data mining processes will be made to produce the summary information viewed by the admin with this tab, although it also contains any management related functions to be manipulated by any of the administration staff each to his level of access, for example changing specific attributes of a certain student (data base update transaction). (As seen below)



Teachers tab: For this one has many of the same functionalities as Students tab but with a specialized perspective of a teacher, it has a backend that processes all of the data kept and creates great managerial reports of how the teachers are in the Reports tab. (As seen below)

2016 - 2017

ACCOUNT

DASHBOARD MY ACCOUNT STUDENTS **TEACHERS** COURSES EXAMINATION ATTENDANCE TIMETABLE FEES SETTINGS

HOSTEL TRANSPORT LIBRARY DOWNLOADS IMPORT EXPORT NOTIFY REPORTS

Home > Teachers

MANAGE TEACHER

- List Teachers
All Teacher Details
- Create Teacher
Add New Teacher Details
- Manage Log Category
Manage Teacher Log Category

TEACHER LEAVE MANAGEMENT

- Add Leave Type
Manage Leave Type
- Leave Requests
Manage Leave Requests 9

ATTENDANCE MANAGEMENT

- Attendance Register
Manage Teacher Attendance

TEACHER SETTINGS

- Subject Association
Associate All Subjects
- Manage Category
All Teacher Categories
- Manage Department
All Teacher Departments
- Manage Positions
Teacher Positions
- Manage Grades
All Teacher Grades

Teacher Dashboard

Total Teachers

7

Recently Hired

7

Recent Teacher Admissions

Date	Teacher Name	Teacher No	Department	Position
29 Apr 2016	Fatima Zhoure	E7	-	-
29 Apr 2016	4etry thyffgh hgthg	E6	-	-
29 Apr 2016	Harry Russell	E5	-	-
29 Apr 2016	Fatima Zhoure	E4	-	-
29 Apr 2016	Pralab Sing	E3	-	-
29 Apr 2016	Rakesh Sharama	E2	-	-
29 Apr 2016	Dev Merwe	E1	-	-

Courses tab: Relating to the school, in this one, a list of all taught subjects and details about each is shown with controls for editing, deleting, assigning course teachers and many functionalities for the students' batches. (As seen below)

The screenshot displays the 'Courses' tab in a school management system. The interface features a sidebar with navigation options: DASHBOARD, MY ACCOUNT, STUDENTS, TEACHERS, COURSES (selected), EXAMINATION, ATTENDANCE, TIMETABLE, FEES, and SETTINGS. Below these are additional options: HOSTEL, TRANSPORT, LIBRARY, DOWNLOADS, IMPORT, EXPORT, NOTIFY, and REPORTS. The main content area is titled 'Manage Courses and Batch' and includes a 'New Course' button. The table below lists various courses and their associated batches, with columns for course name, batch details, and actions (Edit, Delete, Add Subject, Add Batch).

Course Name	Batch Details	Edit	Delete	Add Subject	Add Batch
9th Grade	2 - Batch , 1 - Subject(s)				
English 11	1 - Batch , 0 - Subject(s)				
English 12	1 - Batch , 0 - Subject(s)				
Algebra 1	1 - Batch , 0 - Subject(s)				
Algebra 2	1 - Batch , 0 - Subject(s)				
Geometry	0 - Batch , 1 - Subject(s)				
Calculus	2 - Batch , 0 - Subject(s)				
Trigonometry	1 - Batch , 1 - Subject(s)				
English 10	0 - Batch , 0 - Subject(s)				
C1	2 - Batch , 3 - Subject(s)				

Examination tab: for controlling the assessments of students by course as well as Annual reports, this tab controls admin specific tasks not teachers tasks. (As seen below)

ACCOUNT

2016 - 2017

DASHBOARD

MY ACCOUNT

STUDENTS

TEACHERS

COURSES

EXAMINATION

ATTENDANCE

TIMETABLE

FEES

SETTINGS

HOSTEL

TRANSPORT

LIBRARY

DOWNLOADS

IMPORT

EXPORT

NOTIFY

REPORTS

Home > Examination

EXAM MANAGEMENT

Set grading levels
Grading Levels for the Batch

Select Course / Batch
Select Batch and exam

EXAM RESULTS

Results
Search Results

GRADE BOOK

Grade book
View Grade book

Assessments Dashboard

Annual Exam Pass

100

percentage

Annual Exam Average Marks

77

marks

Recent Exams

Date	Assessment	Class Teacher	Batch	Average
17 Mar 2016	Main Exam	Rakesh Shrama	Level1_batch / English 11	38.75
17 Mar 2016	Term2 Exam	Dev Merve	Level1 / 9th Grade	No exams created
19 Mar 2016	Term1 Exam	Dev Merve	Level1 / 9th Grade	No scores entered
18 Mar 2016	Term1 Exam	Harry Rusell	Level4_batch / Algebra 2	No exams created
18 Mar 2016	Term1 Exam	Fatiha Zhoure	Level3_batch / Algebra 1	No exams created

2016 - 2017

🔍

🏠

DASHBOARD

👤

MY ACCOUNT

👥

STUDENTS

👨🏫

TEACHERS

📁

COURSES

📝

EXAMINATION

📅

ATTENDANCE

📅

TIMETABLE

💰

FEES

⚙️

SETTINGS

🏠

HOSTEL

🚌

TRANSPORT

📖

LIBRARY

📁

DOWNLOADS

📶

IMPORT

📤

EXPORT

🗨️

NOTIFY

📊

REPORTS

Home

> Timetable

> Weekdays

VIEW TIMETABLE

📅 View Timetable

View Batch wise Timetable

📅 View Full Timetable

View Full Timetable

📅 View Teachers Timetable

View Teacher Wise Timetable

MANAGE TIMETABLE

📅 Set Timetable

Timetable For The Batch

📅 Set Weekdays

Weekdays For The Batch

📅 Set Class Timing

Class Timing For The Batch

📅 Set Default Weekdays

Default Weekdays For The Institution

Course: English 12

Batch : Level2_batch

Change Batch

✕

Generate PDF

Set Week Days

Set Class Timings

	02:00 PM - 03:30 PM	08:00 AM - 09:45 AM	09:45 AM - 10:00 AM	10:00 AM - 11:45 AM	11:45 AM - 02:00 PM
MON	Assign	Assign	Break	Assign	Break
TUE	Assign	Assign	Break	Assign	Break
WED	Assign	Assign	Break	Assign	Break
THU	Assign	Assign	Break	Assign	Break
FRI	Assign	Assign	Break	Assign	Break

Library tab: for manager of library, to search the catalogue of available books, add newly acquired books, lending books to students with main emphasis on showing the current day jobs as well as tabular list of info covering main issues of a librarian. (As seen below)

ACCOUNT

2016 - 2017

Q

DASHBOARD

MY ACCOUNT

STUDENTS

TEACHERS

COURSES

EXAMINATION

ATTENDANCE

TMETABLE

FEEES

SETTINGS

HOSTEL

TRANSPORT

LIBRARY

DOWNLOADS

IMPORT

EXPORT

NOTIFY

REPORTS

Home > Books

MANAGE BOOKS

Search Books
Search all books

List Books
All Book Details

Add Book
Add New Book Details

BOOK LEND

Borrow Book
Issue Book Here

Return Book
Lend Book Here

View Book Details
All Book Details

Due Dates
All Dues Here

SETTINGS

Manage Book Category
Add New Book Category

View Student Details
All Student Details

View Authors
All Author Details

Library Dashboard

Due Today

Returned Today

Borrowed Today

0

0

0

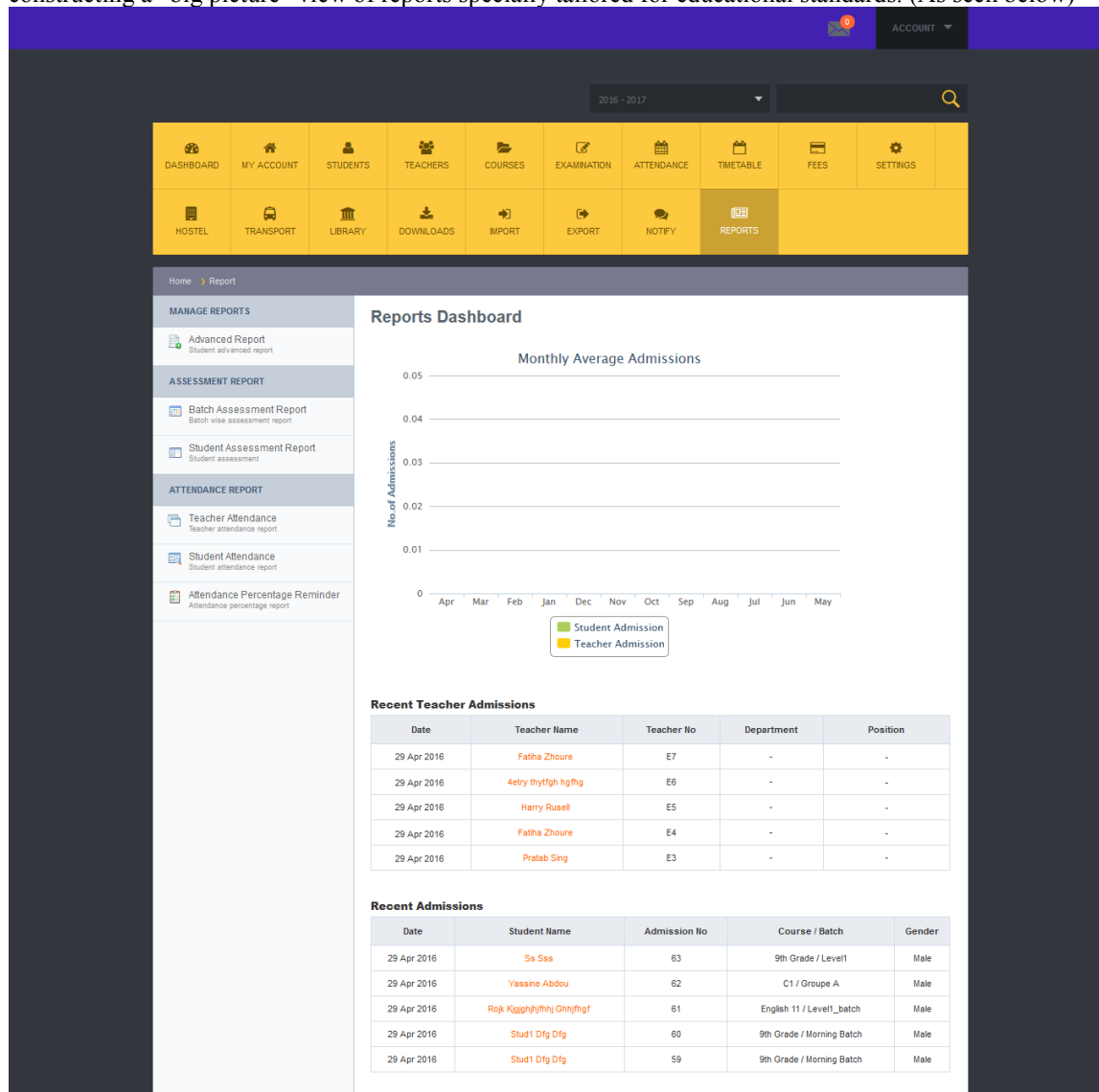
Recent Books

ISBN	Book Name	Author	Edition	Publisher	Copies Available
5454878	Alcamist	Paulo coelho	1	2	4
74125	Wings of fire	A.P.J Abdhul Kalam	1	DC Books	8

Due Today

Student Name	ISBN	Book Name	Author	Issue Date
No dues				

Reports tab: Used by administrator staff including school principal to improve their decision making effort by constructing a “big picture” view of reports specially tailored for educational standards. (As seen below)



A system wide filter is automatically rendered and shown every time it is needed, which in essence contains all of the recyclable data used by many other functions. (As seen below)

Set Up : **100%** Setup Completed

STUDENTS

COURSES

FEES

TIMETABLE

LIBRARY

HOSTEL

TRANSPORT

STUDENTS

62 RECORDS

BATCH

11 RECORDS

FILTER STUDENTS | LOAD FILTER

Active Filters: No Active Filters

ALL A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Name	Admission No	Course / Batch
Aar Ali Abdelaali	51	Algebra 1 / Level3_batch
Abin Ravi	14	English 12 / Level2_batch
Ahsan Babar Babar qureshi	55	9th Grade / Level1
Ajmal K Assis	5	English 11 / Level1_batch
Alex Jose	6	English 11 / Level1_batch
Amal Raju	3	English 11 / Level1_batch
Amalu Raj	8	English 11 / Level1_batch
Aneesh Ashokan	25	Algebra 1 / Level3_batch
Anish Balendran	44	9th Grade / Level1

- 3- Student views: With a common navigation panel on the left the student specific functionalities in hierarchical encapsulation.

Dashboard tab: In this the student sees all of the relevant information in the news, events, his attendance record, timetable schedule, exams and his own mail (messages). (As seen below)

The dashboard interface features a dark sidebar navigation menu on the left with the following items: Dashboard (highlighted), Messages, News, Events, Calendar, Downloads, Profile, Course, Attendance, Timetable, Achievements, Log, Exams, Library, Hostel, Complaints, Themes, and Settings.


The main content area is titled "Dashboard" with a subtitle "View your dashboard here". It includes a welcome message "Welcome Ss Sss in to your profile." and a user profile icon "Ss Sss".

The dashboard is divided into several sections:



- News:** Contains a placeholder "sadasd" and a news item "last exam" dated "last exam 13, 2016 august".
- Events:** Includes a calendar view with tabs for "Today", "Current Week", "Next Week", and "Next month". It displays "No Events Today".
- Attendance:** Shows a table for the "Last 7 days of 2016 April".

Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27	28	29	30
W	✓	✓	✓	✓	✓	W
- Examination:** A table with columns "Exam", "Subject", and "Mark".
- Time table:** Shows "30 Apr 2016" and "No Classes Scheduled for Today".
- Mailbox:** Displays a message from "Institution Names" dated "29 Apr 2016 16:31 pm". The message content is: "Hi, Welcome! Your study at Institution Names is an important time of discovery, and we're here to support you along the way."

Profile tab: Details considering the student logged in, and related guardian (parent), documents upload such as when asked for past certificates. (As seen below)




Welcome **Ss Sss** in to your profile.




Ss Sss

NAVIGATION

- Dashboard
- Messages
- News
- Events
- Calendar
- Downloads
- Profile**
- Course
- Attendance
- Timetable
- Achievements
- Log
- Exams
- Library
- Hostel
- Complaints
- Themes
- Settings


Profile / [View your profile here](#) / [Edit Profile](#)

YOU ARE HERE: **Profile**



Ss Sss
Course : 9th Grade
Batch : Level1
Admission No : 63

Profile Details

Admission Date	29 Apr 2016	Date Of Birth	19 Apr 2016
National Student ID	-	Gender	Male
Blood Group	-	Birth Place	-
Nationality	Jordanian	Language	-
Religion	-	Student Category	General
Current Status	-	Address Line 1	
Address Line 2	sdfdsf	City	
State		Pin Code	2323
Country	Jordan	Phone Number	+41796203532
Phone 2	+41796203532	Email	ss@s.com
Emergency Contact	Saidul Islam		





Guardian Details

Guardian : 1

Name	Saidul Islam	Relation	Father
Date Of Birth	0000-00-00	Education	
Occupation		Income	
Email	saidulislam@duratech.asia	Mobile Phone	01717880744
Office Phone 1	01711637951	Office Phone 2	
Office Address Line 1		Office Address Line 2	
City		State	
Country			

Document Name

Sdadsa


Approved




Upload Documents

Document Name

File
No file selected.

Add Another

Save

Exams tab: Simply listing the assessment record for the logged in student. (As seen below)

The screenshot shows a web application interface for a student's profile. On the left is a dark sidebar with a 'NAVIGATION' menu. The main content area has a header with a welcome message and a user profile card. Below the card is an 'Assessment' section containing a table of exam results.

NAVIGATION

- Dashboard
- Messages
- News
- Events
- Calendar
- Downloads
- Profile
- Course
- Attendance
- Timetable
- Achievements
- Log
- Exams**
- Library
- Hostel
- Complaints
- Themes
- Settings

Welcome **Ss Sss** in to your profile.

Exams / [View your Exam here](#)

YOU ARE HERE: **Exams**

Profile Card:

- Ss Sss**
- Course : 9th Grade
- Batch : Level1
- Admission No : 63

Assessment

Exam Group Name	Subject	Score	Remarks	Result
Main Exam	Computer Science	75	Good	Passed

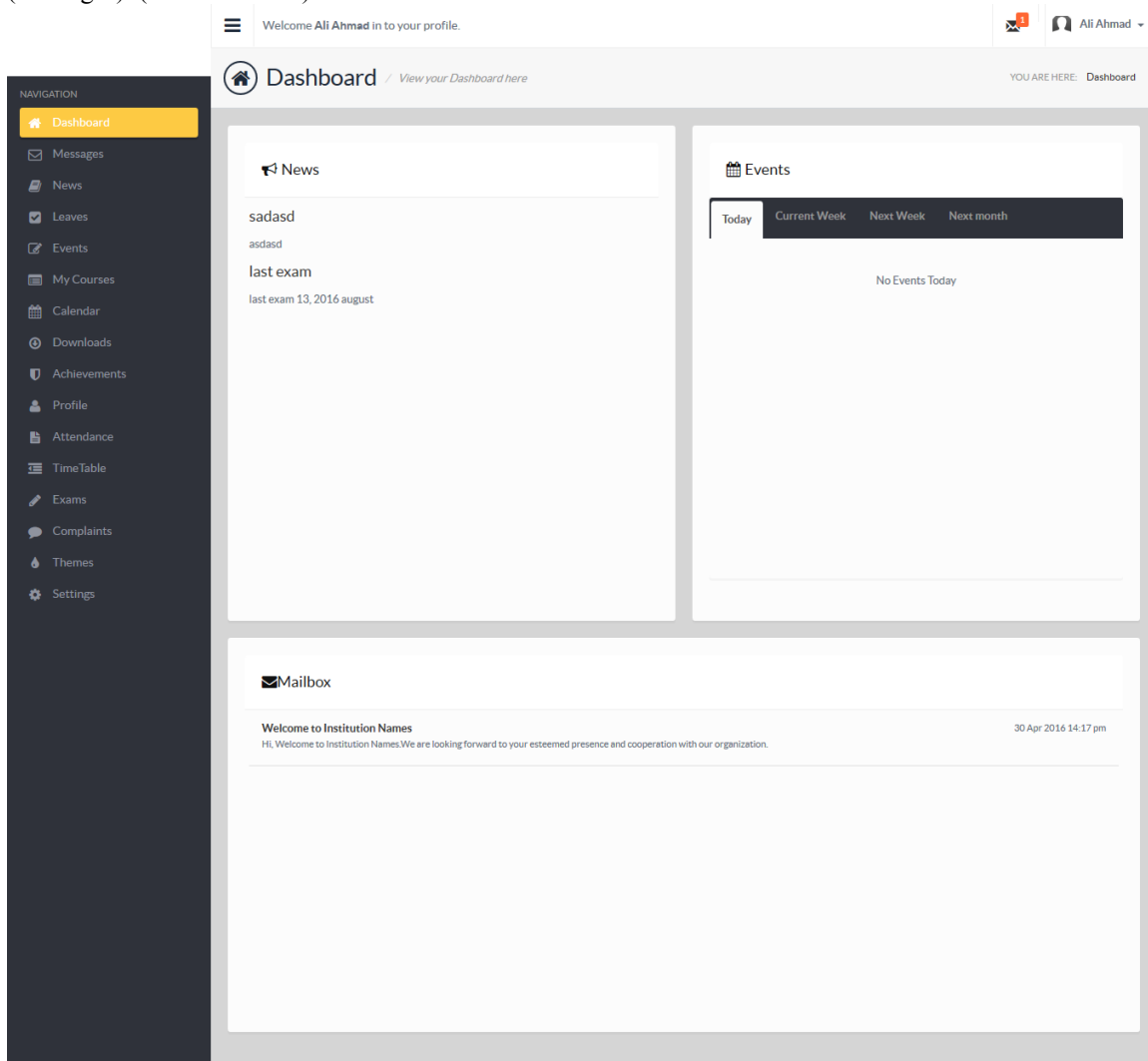
Library tab: Another simple list specific to the logged in student, detailing the books withheld by this student, the due date and status, the button [Books List] shall trigger a view of currently available books to borrow. (As seen below)

The screenshot displays a web application interface. On the left is a dark sidebar with a 'NAVIGATION' menu containing links to Dashboard, Messages, News, Events, Calendar, Downloads, Profile, Course, Attendance, Timetable, Achievements, Log, Exams, Library (highlighted), Hostel, Complaints, Themes, and Settings. The top header shows a welcome message 'Welcome Sa Sss in to your profile.' and a user profile icon. The main content area is titled 'Library / View Library' and includes a 'Books List' button. Below this is a table titled 'Borrowed Book List' with columns: Sl.No, Book Name, Subject, Issued Date, Due Date, and Status. The table is empty, with the text 'No Books Borrowed' centered below the header row.

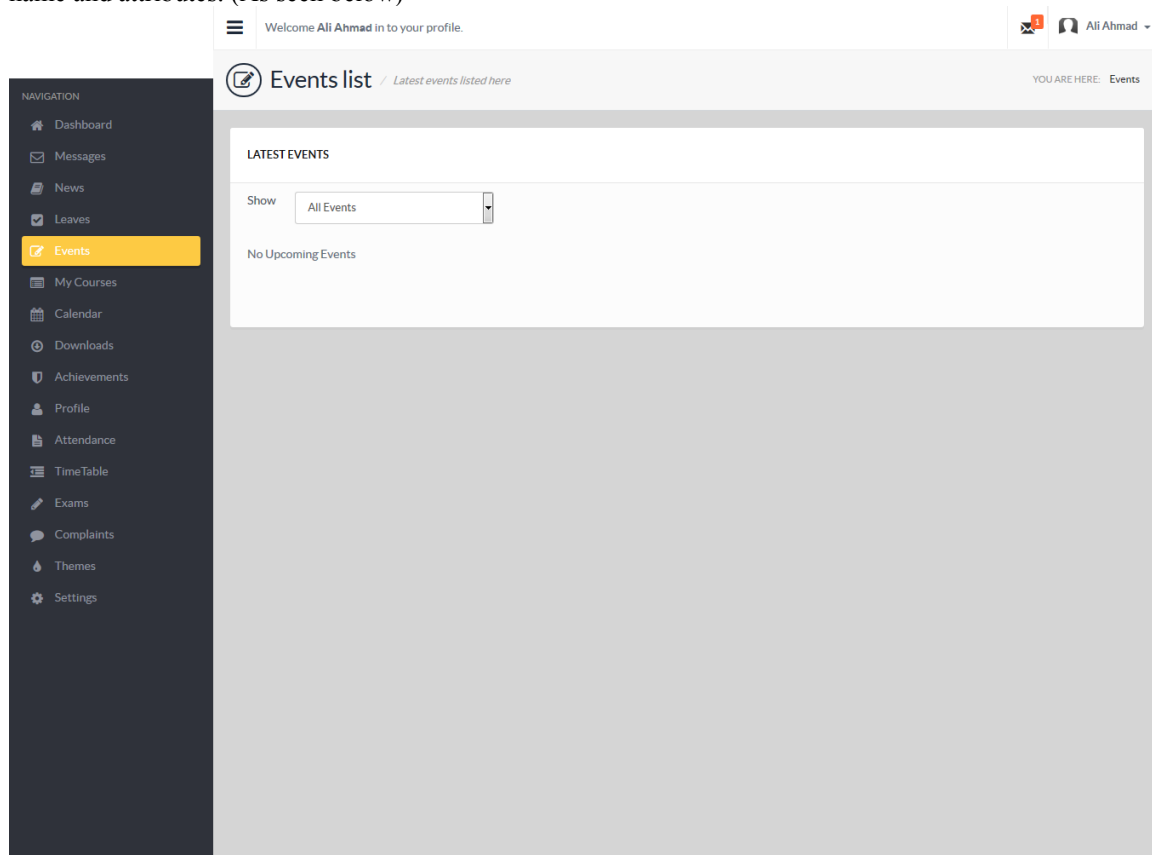
Sl.No	Book Name	Subject	Issued Date	Due Date	Status
No Books Borrowed					

- 4- Teacher views: With a common navigation panel on the left, many of the functionalities reflect the needs of teachers and the level of control they need.

Dashboard tab: In this the teacher sees all of the relevant information in the news, events and his own mail (messages). (As seen below)



Events tab: Drop down list of event categories created by the system admin that may be initiated, monitored, and canceled by this particular teacher, when a category is chosen further view members are revealed such as event name and attributes. (As seen below)



My Courses tab: Consists of a list of all courses this logged in teacher is giving. (As seen below)

The screenshot displays the 'My Courses' tab in a web application. On the left is a dark sidebar with a 'NAVIGATION' menu. The 'My Courses' option is highlighted in yellow. The top header area includes a welcome message 'Welcome Ali Ahmad in to your profile.' and a user profile icon for 'Ali Ahmad'. The main content area features a table with the following data:

Batch Name	Program Coordinator	Start Date	End Date
Level1_batch	Ali Ahmad	05 Jan 2016	20 Dec 2016

Below the table is a large grey rectangular area, likely a placeholder for more content or a loading state.

Profile tab: Details considering the teacher logged in, documents upload such as when asked for degree certificates.
(As seen below)

NAVIGATION

Dashboard

Messages

News

Leaves

Events

My Courses

Calendar

Downloads

Achievements

Profile

Attendance

Time Table

Exams

Complaints

Themes

Settings

Welcome Ali Ahmad in to your profile.

Ali Ahmad

Profile / View your profile here

YOU ARE HERE: Profile

Ali Ahmad

Job Title :
Department : ADMINISTRATION
Teacher No : E9

Profile Details

Joining Date	30 Apr 2016	Category	General
Position		Grade	
Date of Birth	12 Apr 1967	Gender	Male
Blood Group		Nationality	Jordanian
Qualification	asd	Experience	16 Year(s) 7 Month(s)
Experience Detail	asdjfljadf	Home Address Line 1	asdf
Home Address Line 2		Home City	asdf
Home State	asdf	Home Country	Jordan
Home Pin	123	Office Address Line 1	
Office Address Line 2		Office City	
Office State		Office Country	
Office Pin		Office Phone 1	
Office Phone 2		Mobile Phone	0123456789
Home Phone		Email	askljdf@skaljdf.ASDF
Fax		Marital Status	Single
Children		Father's Name	
Mother's Name		Husband's Name	

Document Name

W

Approved

Upload Documents

Document Name

File

Browse...

No file selected.

Add Another

Save

Exams tab: Shows all actions that can be done considering exams and other assessment events, for example creation and score management. (As seen below)

The screenshot shows a web application interface for managing exams. On the left is a dark sidebar with a 'NAVIGATION' menu containing links to Dashboard, Messages, News, Leaves, Events, My Courses, Calendar, Downloads, Achievements, Profile, Attendance, Time Table, Exams (highlighted), Complaints, Themes, and Settings. The top header area includes a welcome message 'Welcome Ali Ahmad in to your profile.', a notification icon, and a user profile dropdown for 'Ali Ahmad'. The main content area is titled 'Exams' with a sub-link 'View your exams here'. Below this, the 'Exam Results' section features two buttons: 'Tutor Classes' and 'My Class'. It includes filter boxes for 'Course: English 11', 'Batch: Level1_batch', and 'Exam: Main Exam'. A message states 'Displaying 1-2 of 2 result(s)'. Below this is a table with columns: Subject, Start Time, End Time, Maximum Marks, Minimum Marks, and Score. The table contains one row for 'English 11' with start and end times of 2016-03-17 10:00:00 and 2016-03-17 12:00:00, maximum marks of 100, minimum marks of 50, and a score of 50. A 'Manage Scores' link is present in the Score column. Two buttons, 'View Exam List' and 'Change Batch', are located above the table.

NAVIGATION

- Dashboard
- Messages
- News
- Leaves
- Events
- My Courses
- Calendar
- Downloads
- Achievements
- Profile
- Attendance
- Time Table
- Exams**
- Complaints
- Themes
- Settings

Welcome Ali Ahmad in to your profile.

Ali Ahmad

Exams / View your exams here

YOU ARE HERE: Exams

Exam Results Tutor Classes My Class

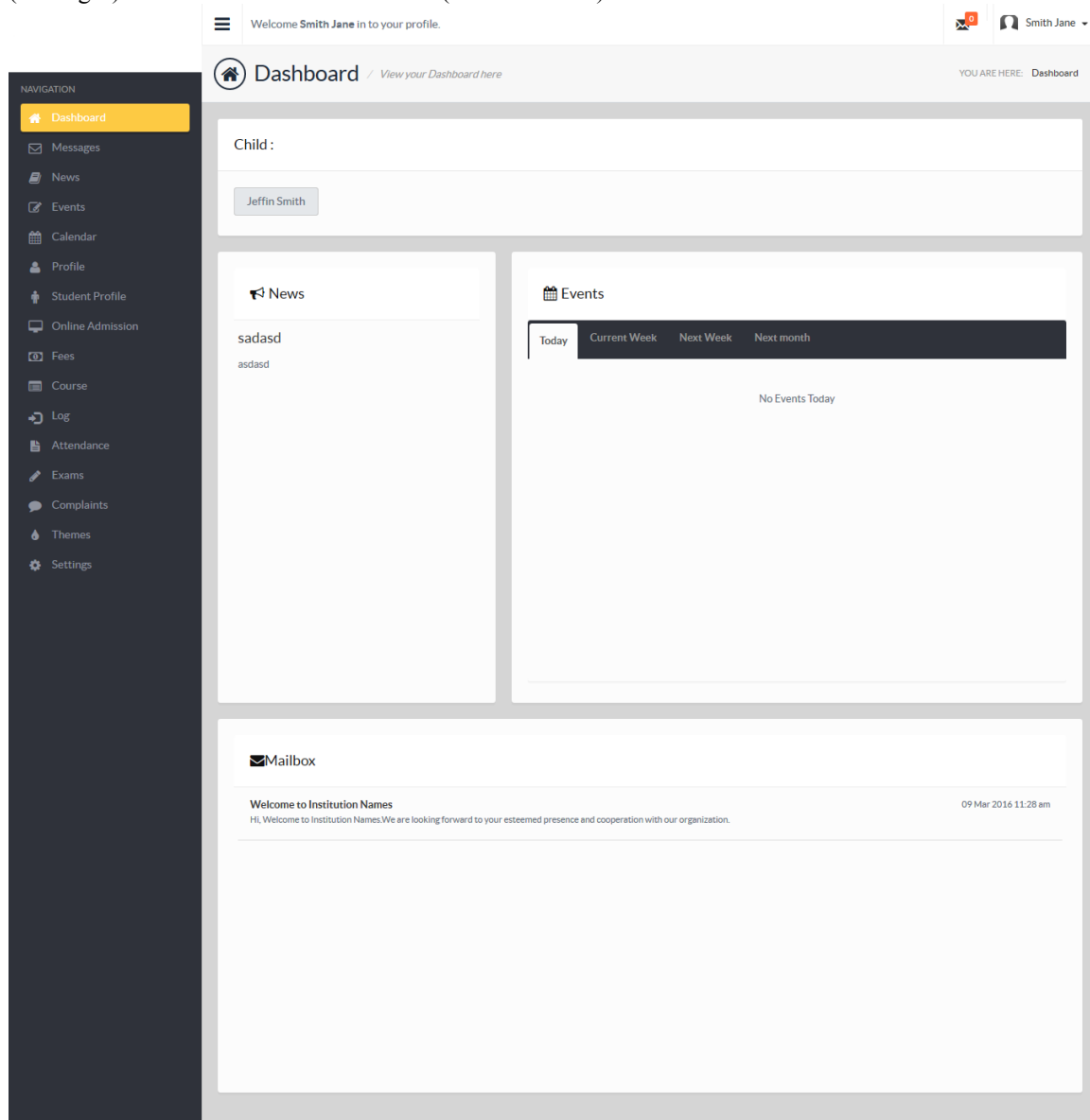
Course: English 11 Batch: Level1_batch Exam: Main Exam

Displaying 1-2 of 2 result(s). View Exam List Change Batch

Subject	Start Time	End Time	Maximum Marks	Minimum Marks	Score
English 11	2016-03-17 10:00:00	2016-03-17 12:00:00	100	50	50 Manage Scores

- 5- Parent (guardian) views: tailored to show the unique parent-child relation in education and how this will increase the level of exposure and monitor of a child's academic life whilst in the system.

Dashboard tab: In this the parent sees all of the relevant information in the news, events and his own mail (messages) and the list of related students. (As seen below)



Profile tab: Details considering the current parent logged in, and contact details [editable]. (As seen below)

NAVIGATION

Dashboard

Messages

News

Events

Calendar

Profile

Student Profile

Online Admission

Fees

Course

Log

Attendance



Exams


Complaints

Themes

Settings

Welcome **Smith Jane** in to your profile.

  **Smith Jane** ▾

 **Profile** / [View your profile here](#)

YOU ARE HERE: **Profile**

Smith Jane

Father of - **Jeffin Smith**

Edit

Date Of Birth	-	Education	-
Occupation	-	Income	-
Email	smith@os.in	Mobile Phone	8521479635
Office Phone 1	-	Office Phone 2	-
Office Address Line 1	-	Office Address Line 2	-
City	-	State	-
Country	-		

Fees tab: Here is a list of due invoices on the particular parent, and actions related to each invoice such as the ability to pay online or print it. (As seen below)

NAVIGATION

Dashboard

Messages

News

Events

Calendar

Profile

Student Profile

Online Admission

Fees

Course

Log

Attendance

Exams

Complaints

Themes

Settings

Welcome **Smith Jane** in to your profile.

0

Smith Jane

Invoices

View invoices here

YOU ARE HERE: Invoices

Invoices

Viewing invoices of All

Invoice ID	Recipient	Fee Category	Amount	Balance	Status	Actions
139	Jeffin Smith	ahsan	27,500.00	27,500.00	Unpaid	View
86	Jeffin Smith	exam fees	1,000.00	1,000.00	Unpaid	View
33	Jeffin Smith	common fees	110.00	110.00	Unpaid	View
1	Jeffin Smith	book fee	500.00	500.00	Unpaid	View

Exams tab: In this the parent will track his children's results and in comparison to the class average score. (As seen below)

NAVIGATION

Dashboard

Messages

News

Events

Calendar

Profile

Student Profile

Online Admission

Fees

Course

Log

Attendance

Exams

Complaints

Themes

Settings

Welcome **Smith Jane** in to your profile.

0

Smith Jane

Exams

View your exams here

YOU ARE HERE: Exams

Jeffin Smith

Course : English 11
Batch : Level1_batch
Admission No : 1

Assessment

Exam Group Name	Subject	Score	Remarks	Result	Class Average
Main Exam	Computer Science	75	Good	Passed	77.5