
Protected by PDF Anti-Copy Free

Abstract

(Upgrade to Pro Version to Remove the Watermark)

Talk-Edu is a website built to make easier interaction between parents, students, and teachers. It is a secure way to exchange data between them.

The main reason for this idea is to make learning easier to students and teachers, when they learn on the website. It gives students a chance to have needed information and their marks remotely, and to make the cooperation between the school's administration, teachers, and parents more easy and fixable than specifying a time to meet each other to discuss the student's situation.



Protected by PDF Anti-Copy Free

1.1 Introduction

([Upgrade to Pro Version to Remove the Watermark](#))

There are many websites that support learning, but it is not supported for the students to interact with their colleagues and also the student with their teachers to exchange information and school  at any time, and also there are no websites useful for the parents, so they can interact with the school administration and teachers instead of going to school or receiving SMS messages that may cost the school to know more about their kids, so that they can monitor their actions and school activities, and stay up to date with any event happens during school hours and even after school hours if they face problems with their kids studies and actions.

The project objective is building website called Talk-Edu, which finds a way to let the student, teachers, and parents to interact with each other and easy to transfer information and knowledge between them in secure way.

The system's users are teacher, parents, and students.

-Student

With Talk-Edu you will get the fun of learning without getting bored or disturbance. You can learn anywhere at any time. Talk-Edu also allows you to connect with teachers and classmates outside the classroom. Where you learn together in a safe and fun environment.

-Teacher

The learning will become easier and you will get a supportive classroom environment. Be in touch with the other teachers and educators and exchange the experiences and successes with them .and connect with student and parents

-Parent

Be the key of your child's success and follow up with his/her accomplishment. Keep in touch with teachers and school administration to get feedback on the educational performance of your child and his grades. So that learning would be entertaining and ends the problems of homework.

Protected by PDF Anti-Copy Free

1.2 Project Description

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

The main functions of the website are friends system , marks system, group system, and event system; the friend system is automatic system that gives every user their own friends depends on the user type if the user type is a student the system gives him all his teachers who teach him , classmates , and his parent , and if the user type is a teacher his friends are all the school's teacher , all the students on his courses , and their parents, finally if the user type is a parent the system gives him his children and their teachers as a friends.

The marks system is the most important system of the website because it gives the students and parents the permission to view the marks remotely on a private way, and give the parent the option to give the teacher the feedback of the marks by adding a comment on the mark viewed only for the teacher who teaches this subject and the student can't view it.

The groups system simply is a closed area to interact with specific group of users; this may give the teachers to give private lessons online, and the teacher to interact with the parents directly, the event system is a calendar that viewed the yearly events of the school and gives alert before the event date to keep the students, teachers, and parents in touch with all school's events and activities.

1.3 Problem Definition

There are many websites that support E-learning, but it is not supported for the students to interact with their colleagues, and also the student with their teachers to exchange information and school activities at any time.

1.3.1 Problem statement

There are no websites useful for the parents so they can interact with the school administration and teachers instead of going to school or receiving SMS messages that may cost the school to know more about their kids so that they can monitor their actions and school activities and stay up to date with any event happens during school hours and even after school hours if they face problems with their kids studies and actions.

Protected by PDF Anti-Copy Free

1.3.2 Objective

([Upgrade to Pro Version to Remove the Watermark](#))

The main objective of the website is to let the students, teachers, and parents to post materials and write comments and events and access the grading system and easy to assess the student and get feedback from the parents anywhere and anytime, online instead of visiting school in a secure way to specific school so that nobody outside the school community can enter or access the website.



1.3.3 Requirements

1. Computer device that enable you to work in the system.
2. Internet connection to use the system globally.
3. Database server that enable you to access and update your system information.
4. Login information (Username, Password).
5. The user must be a student, teacher or parent of student inside the school.

1.3.4 Constraints

1. Time sensitive for building an economic huge system.
2. Limited budget for implementing system.
3. Lack of technical experiences.

1.3.5 Data collection

The Data for our website well be gathered throw a questioner that we have distributed to our users. Then we analysis it and get a result according to it we complete our project. The website will be presented as a link in the school site from it the user can enter and register on it and enjoy using the website.

1.4 Project Scope

Talk-Edu is a social network website that helps the student, teacher, and parents to interact with each other.

Through website the parent can remotely know all kids information and monitor his kids activity at school ,the possibility that the school will hold meetings with the families of students to discuss all matters of their children in a way easier and faster without allocate a specific time for a meeting and discuss all topics.

Protected by PDF Anti-Copy Free

For the student they will get the fun of learning without getting bored or disturbance. They can learn anywhere at any time. Talk-Edu also allows them to connect with teachers and classmates outside the classroom. Where they learn together in a safe and fun environment.



1. The users: The school teachers, students and their parents.
2. The network will serve: Cambridge High School.
3. The function: Social networking website of the school activities.

1.4.1 Class of users

- Admin site: Who can modify the website and Student management and advertisements on the website.
- Users-students, teachers, and parents: Who can login to the system and interact in.

1.5 Uniqueness

Our website is focus on the students, parents, and teacher by easily connect to give them more information about the school. the parents can connect with their kids teacher so can know more about his kids and interact with the teacher, the students can share educational material and can know his marks where no one can see it unless his parents. Also our website is secure so no one can enter on it except the user who register on our site.

1.6 Issues

The possibility that the school will hold meetings with the families of students to discuss all matters of their children in a way easier and faster without allocate a specific time for a meeting and discuss all topics.

Through this site, the parents could monitor the activities and problems of their children in times of school. It is also suitable for the students to interact with their teachers any time.

Protected by PDF Anti-Copy Free

2.1 System Analysis [\(Upgrade to Pro Version to Remove the Watermark\)](#)

- Who will use the website?

Cambridge high school students and teachers as a case study.



- What is Talk-Edu?

Website that finds a way to let user to enter act with each author, and easy to transfer the information and knowledge between them, and also it is a social website that allow the parents interact with each other and with teacher and the student with each other and with their teacher.

- Where does Talk-Edu will be implemented?

Online server that can be accessed remotely by users.

- When the website will be ready to use?

24 hours/7 days/1 year.

- How to build the website?

By building a web site to make easy to achieve a goal by using PHP language, Java script, HTML5, Database (MySQL).

- Why to build it?

There are many schools use social media to let their students and teachers to interact with each other's, but the school can't own any public social media while it can own Talk-Edu with full control.

2.2 Why using PHP language

PHP is probably the most popular scripting language on the web. It is used to enhance web pages. With PHP, you can do things like create username and password login pages, check details from a form, create forums, picture galleries, surveys, and a whole lot more. If you've come across a web page that ends in PHP, then the author has written some programming code to liven up the plain, old HTML [18].

Protected by PDF Anti-Copy Free

PHP was installed on more than 240 million websites (39% of those sampled) and 2.1 million web servers. Like Facebook, YouTube, and much more! [\(Upgrade to Pro Version to Remove the Watermark\)](#)

You may be considering using PHP for your website. Here are some great reasons to start!

1. Works Great with HTML - If you already have a website and are familiar with HTML, making the step to PHP is easy. In fact, PHP and HTML are interchangeable within the page! While PHP might add some new features to your site, its basic appearance is still all created with HTML.

2. Interactive Features - PHP allows you to interact with your visitors in ways HTML alone can't. This can mean simple things like e-mail forms, or more elaborate things like shopping carts that save your past orders and recommend similar products. It can also mean social things like interactive forums and private messaging systems.

3. Easy to Learn - PHP is a lot easier to get started with than you might think. By learning just a few simple functions, you are able to do a lot of things with your website. And once you know the basics.[\[19\]](#)

2.3 Feasibility Study

The feasibility study is an evaluation and analysis of the potential of a proposed project which is based on extensive investigation and research to support the process of decision making [1].

2.3.1 Technical Feasibility:

Technical feasibility is concerned with the technical recourse and technologies that are needed for system implementation such as:

- Computer (with windows operation system).
- WAMP server software.
- Microsoft Visio 2010.
- Net beans IDE 7.4.
- Microsoft Office.
- SmartDraw.

Protected by PDF Anti-Copy Free

2.3.2 Economic Feasibility: **(Upgrade to Pro Version to Remove the Watermark)**

Economic feasibility is an analysis of a project's costs and revenues in an effort to determine whether or not it is logically possible to complete. [2]



- Software

- Microsoft Visio 420.00 JD [3]
- Microsoft Office 365.00 JD [4]
- SmartDraw 350.00 JD [5]

- Hardware:

- 3 Computers 750.00*3= 2,250.00JD

- Internet connection 250 JD.

2.3.3 Operational Feasibility:

Operational feasibility is the ability to utilize, support and perform the necessary tasks of a system or program. It includes everyone who creates, operates or uses the system. To be operationally feasible, the system must fulfill a need required by the business [6].

Talk-Edu website will be very user friendly and will be accepted by any user, and it just need for username and password and any one can use the system, if registered in the school.

2.4 Business Project Reengineering

Business process reengineering (BPR) is the analysis and redesign of workflows within and between enterprises in order to optimize end-to-end processes and automate non-value-added tasks [7].

Protected by PDF Anti-Copy Free

The BPR of Talk-Edu:

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

1. The school is the owner of the website while it can't own Facebook.
2. On Facebook students may create profiles to manipulate the information that reaches the school and possibly be incorrect, while with the school website the situation is more controlled.
3. From a security wise; there will be more security of the database of the school, while Facebook may use it for other reasons.



2.5 Project Planning

Project planning is a procedural step in project management, where required documentation is created to ensure successful project completion. Documentation includes all actions required to define, prepare, integrate and coordinate additional plans. The project plan clearly defines how the project is executed, monitored, controlled and closed.

Protected by PDF Anti-Copy Free

2.5.1 Time line
[\(Upgrade to Pro Version to Remove the Watermark\)](#)

Task Name	PDF	Duration	Start	Finish
Talk-Edu System				
Define The Problem		1 day	03/15/14	03/16/14
Business Scope		2 days	03/16/14	03/18/14
Finishing Report 1		2 days	03/18/14	03/20/14
Feasibility Study		4 days	03/20/14	03/24/14
Information Analysis		7 days	03/24/14	03/31/14
System Analysis		3 days	03/31/14	04/03/14
Data Flow Diagram		7 days	04/03/14	04/10/14
ER Diagram and Data Dictionary		5 days	04/10/14	04/15/14
Finishing Report 2		2 days	04/15/14	04/17/14
Design Tables		4 days	04/17/14	04/21/14
Business Modeling		7 days	04/21/14	04/28/14
Building Database		8 days	04/28/14	05/06/14
Finishing Report 3		2 days	05/06/14	05/08/14
Interface Design		4 days	05/08/14	05/12/14
User Manual		4 days	05/12/14	05/15/14
System Testing		4 days	05/16/14	05/19/14
Finishing Report 4		3 days	05/19/14	05/22/14
Discussion Project		2 days	06/01/14	06/03/14

Table 2.1 Project time line table

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

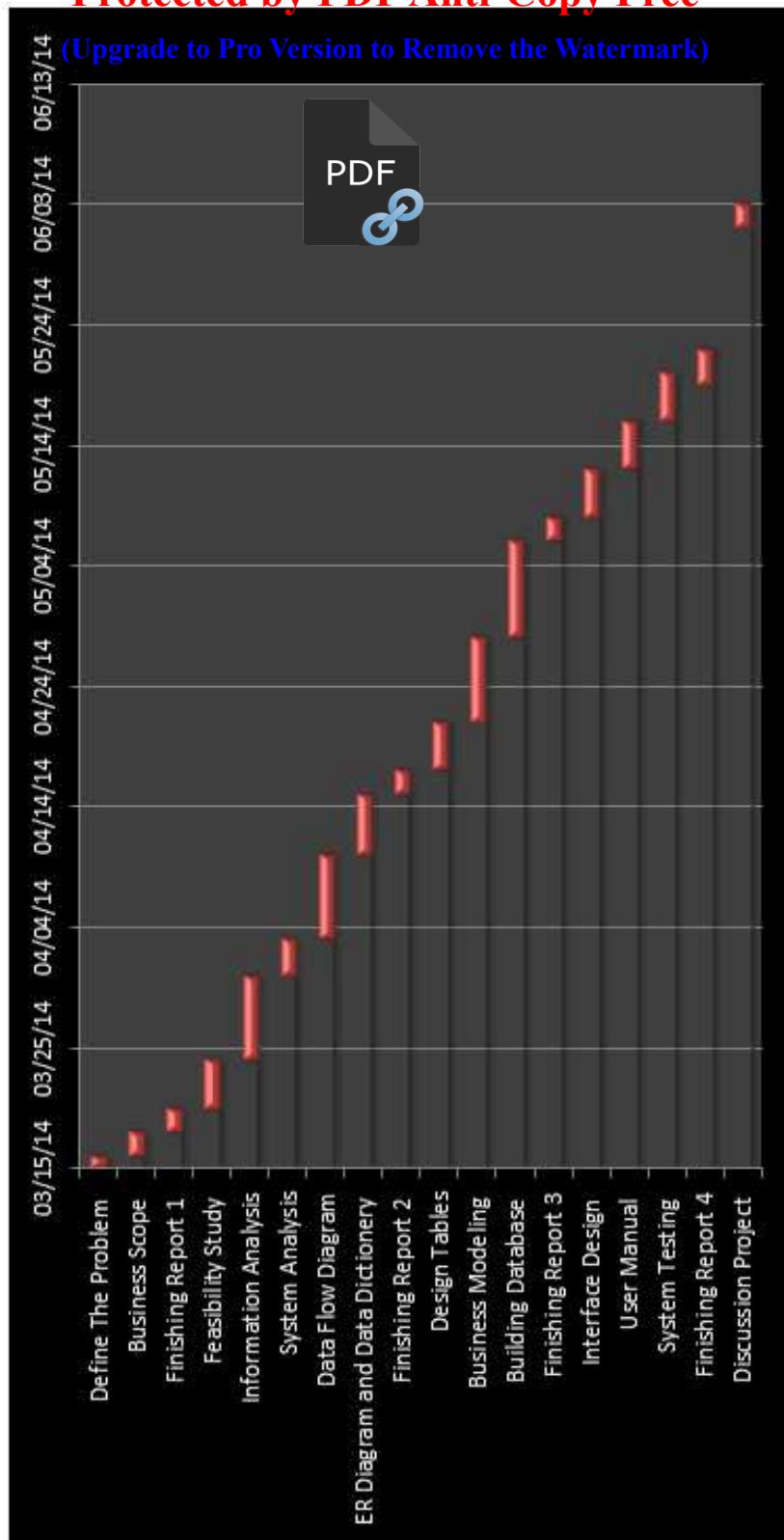


Figure 2.1 Gantt chart

2.4.2 Gantt chart

Protected by PDF Anti-Copy Free

2.6 Questionnaire

[\(Upgrade to Pro Version to Remove the Watermark\)](#)



List of a research or survey questions designed to respondents, and designed to extract specific information. It serves four purposes to [8]

1. Collect the appropriate data.
2. Make data comparable and amenable to analysis.
3. Minimize bias in formulating and asking question.
4. To make questions engaging and varied.

Teacher's survey

- 1- Do you agree to communicate with student and parents on a website?
- 2- Do you ever have a way to share materials to the students on the internet?
- 3- Do you agree to upload student marks on a website to be accessed by the students and their parents?
- 4- Do you think that it is easily to share educational materials to the student on the internet?
- 5- Do you think that the website will let the parents to follow up their kid's activities at school?

Teacher's survey

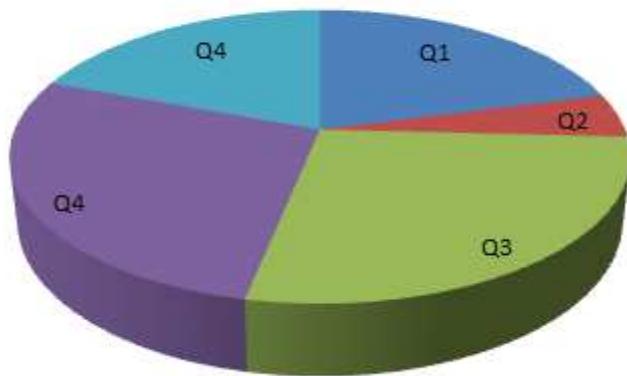


Figure 2.2 Teacher's survey

Protected by PDF Anti-Copy Free

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

Teacher's survey answers

Q1: 65% of the teacher was agreeing to communicate online.

Q2: 15% of the teachers have a way to share material online.

Q3: 85% of the teachers agree to update the mark online.

Q4: 85% of the teachers agree to share material online.

Q5: 60% of the teachers expected that the website let the parents follow up their kid's activity.



Student's survey

- 1- Do you agree to have a way to communicate with your colleagues and teachers any time on the internet?
- 2- Do you agree to access your marks online?
- 3- - Do you think that the website will make it easy for you to have your homework online?
- 4- - Do you think that the website will give you more educational value?
- 5- Do you agree with using our website?

Student's survey

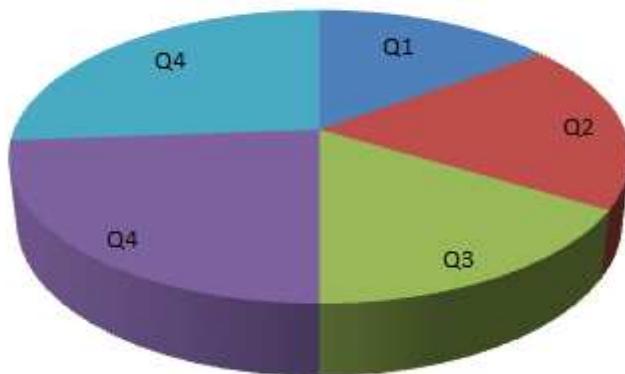


Figure 2.3 Student's survey

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

Student's survey answers

Q1: 50% of the students agree to communicate online with their teacher.

Q2: 63% of the students agree to access mark online.

Q3: 55% of the students agree to have homework online.

Q4: 80% of the students expected that the website will give more educational values.

Q5: 88% of the students agree to use our website.

Parent's survey

- 1- Do you think that the website will help you to know more about your kid's activity?
- 2- Do you trust the marks that applauded in the website?
- 3- Do you think that the website will give you the full information as an alternative of visiting the school?
- 4- Do you think that your kids in the school will agree that all their activities on the site will be monitored by you?

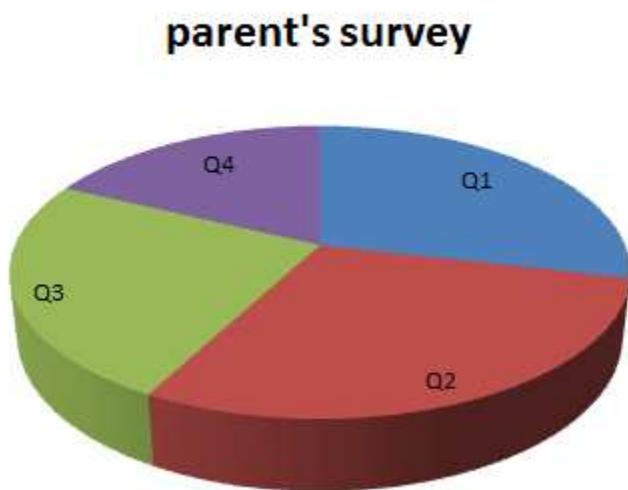


Figure 2.4 Parent's survey

Protected by PDF Anti-Copy Free

Parent's survey answers

([Upgrade to Pro Version to Remove the Watermark](#))

Q1: 88% of the parents agree to know more about his kid's activity.

Q2: 90% of the parents trust the material uploaded online.

Q3: 75% of the parents agree to use website as an alternative of visiting the school.

Q4: 55% of the parents agree to monitor his kids.



- Note: The project survey attached on the documentation's appendix.

Protected by PDF Anti-Copy Free

3.1 Data Flow Diagram (Upgrade to Pro Version to Remove the Watermark)

A data-flow diagram (DFD) is a graphical representation of the "flow" of data through an information system. DFDs can also be used for the visualization of data processing (structured design) [9].



3.1.1 Data flow diagram –context level

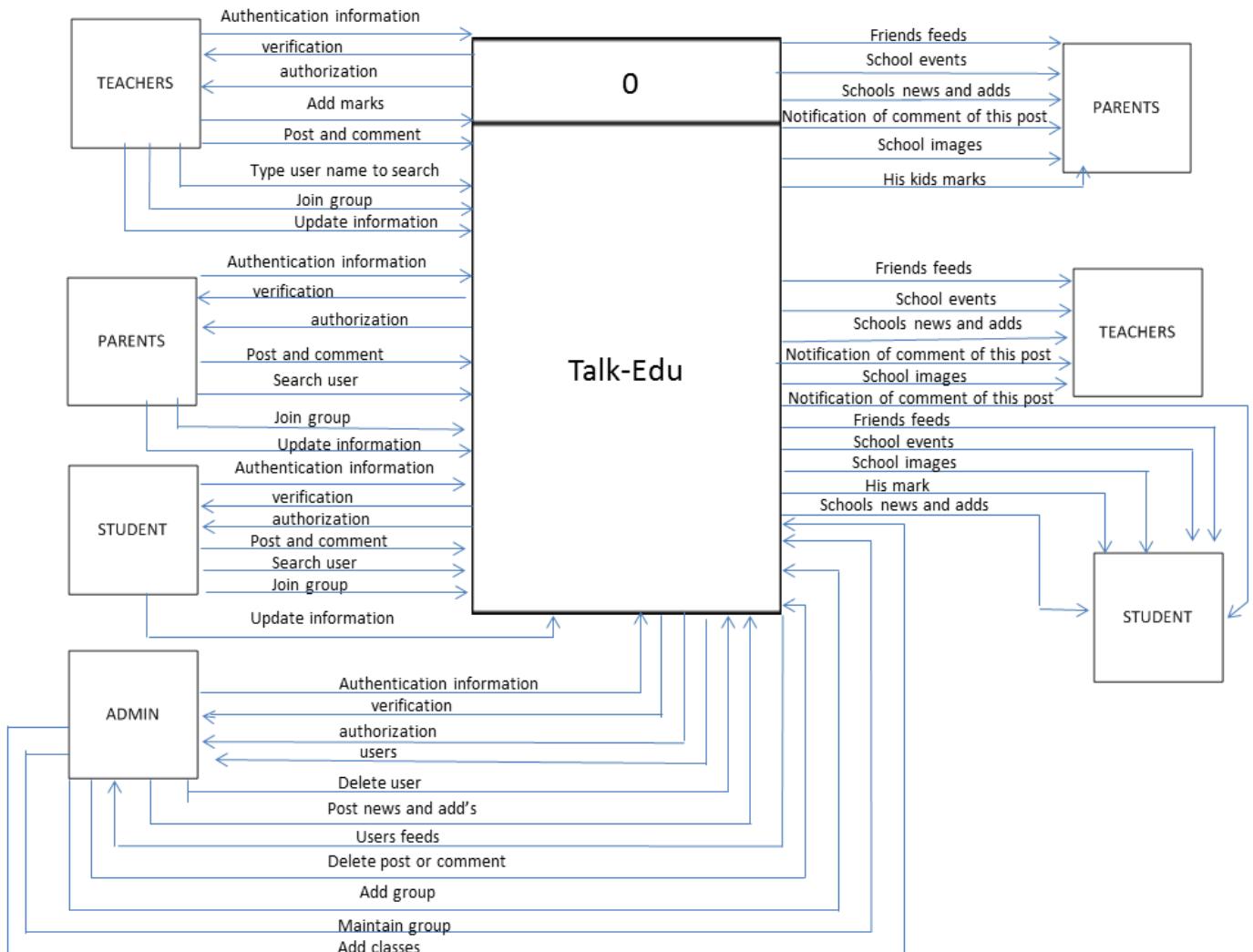


Figure 3.1 Data flow diagram context level

3.1.2 Level -0-

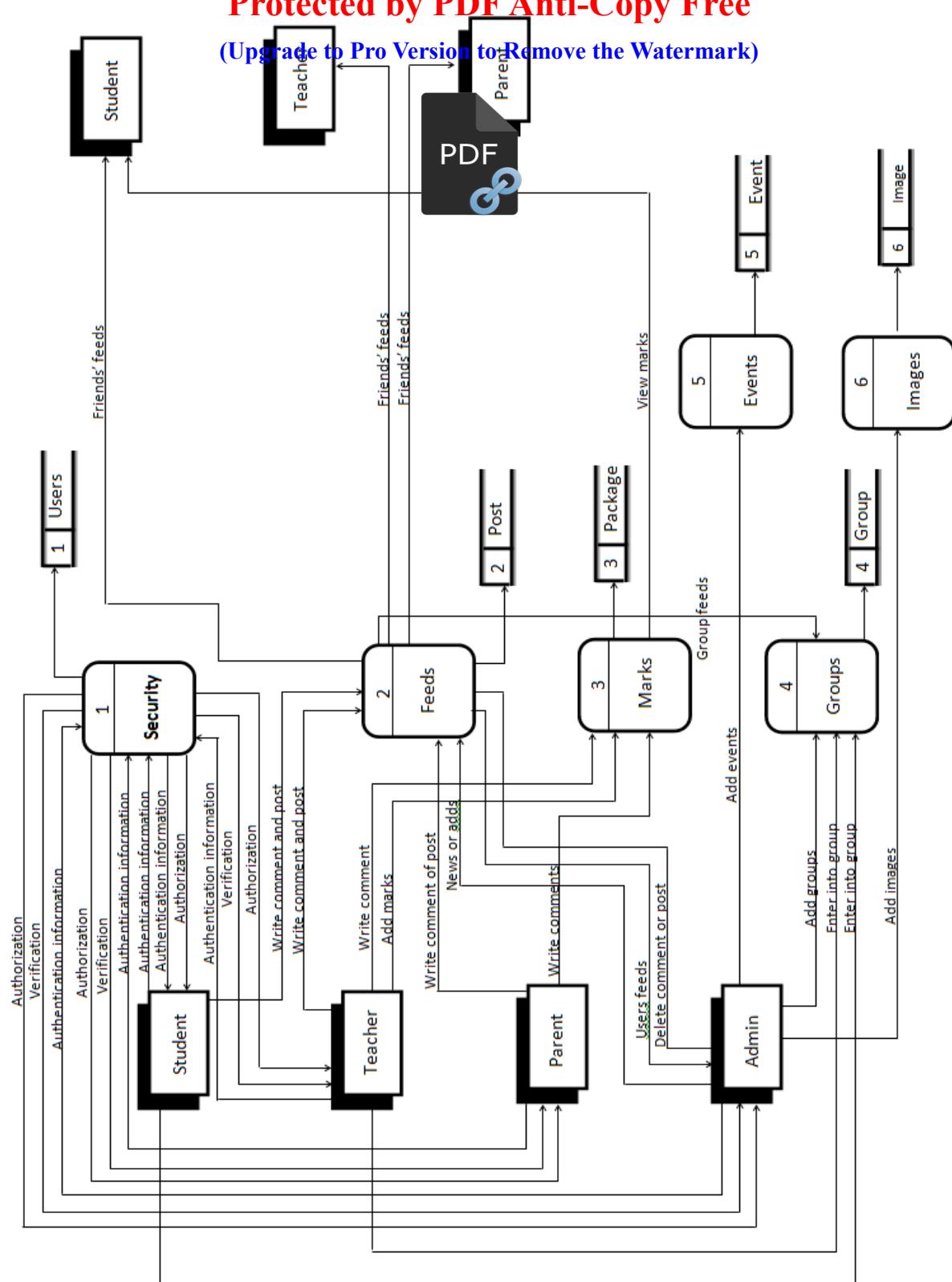


Figure 3.2 Data flow diagram Level -0-

Protected by PDF Anti-Copy Free

3.1.3 Child level (Upgrade to Pro Version to Remove the Watermark)

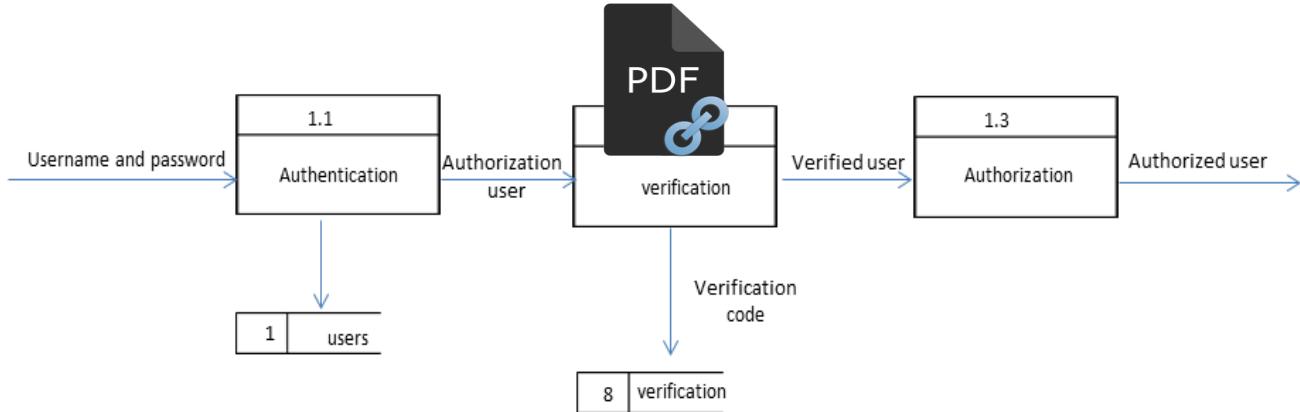


Figure 3.3 Data flow chart security child level

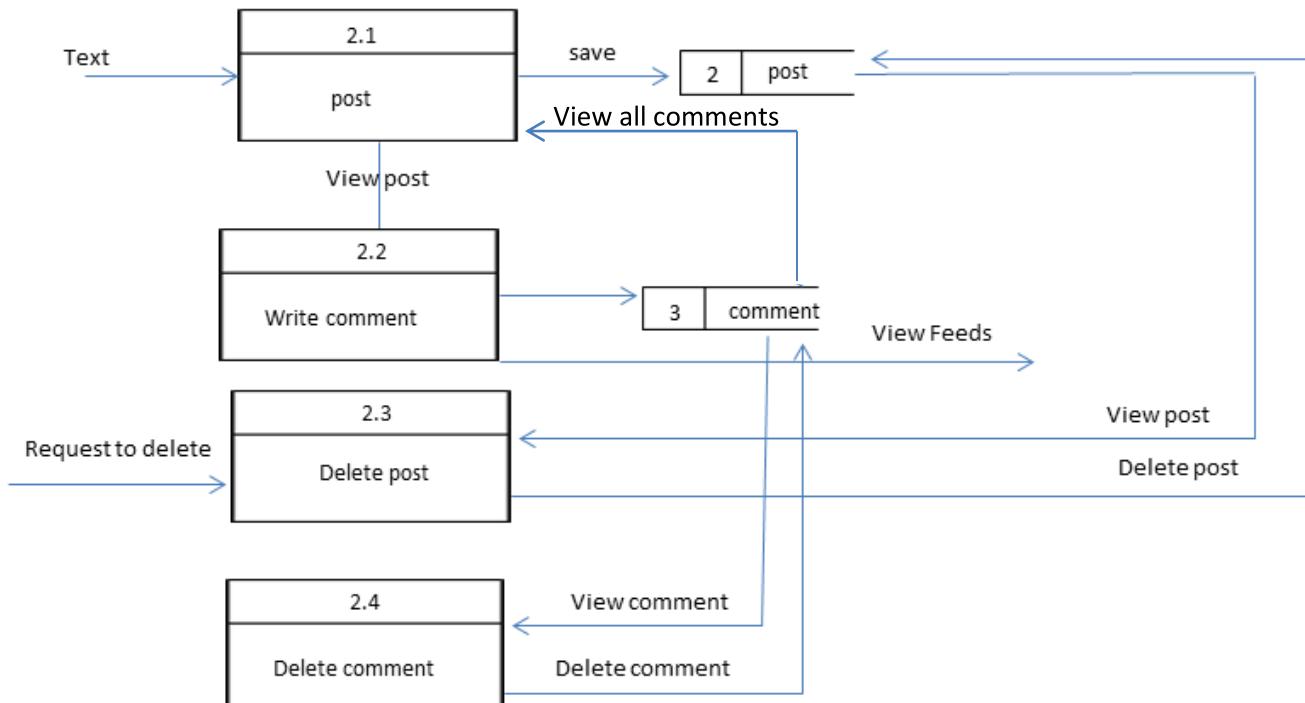


Figure 3.4 Data flow chart feeds child level

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

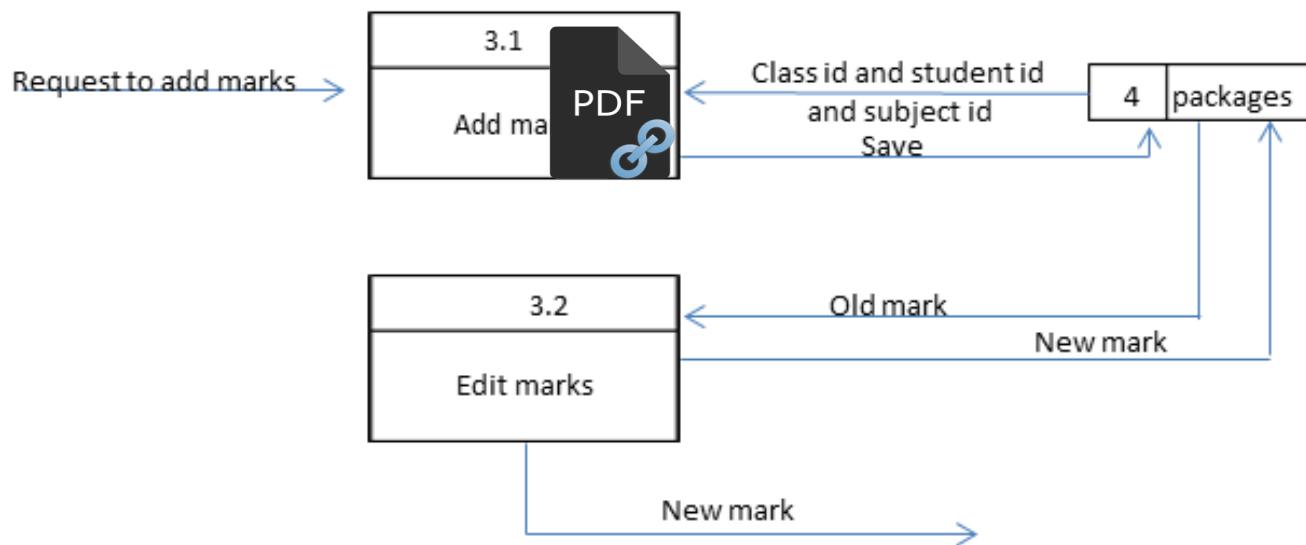


Figure 3.5 Data flow chart marks child level

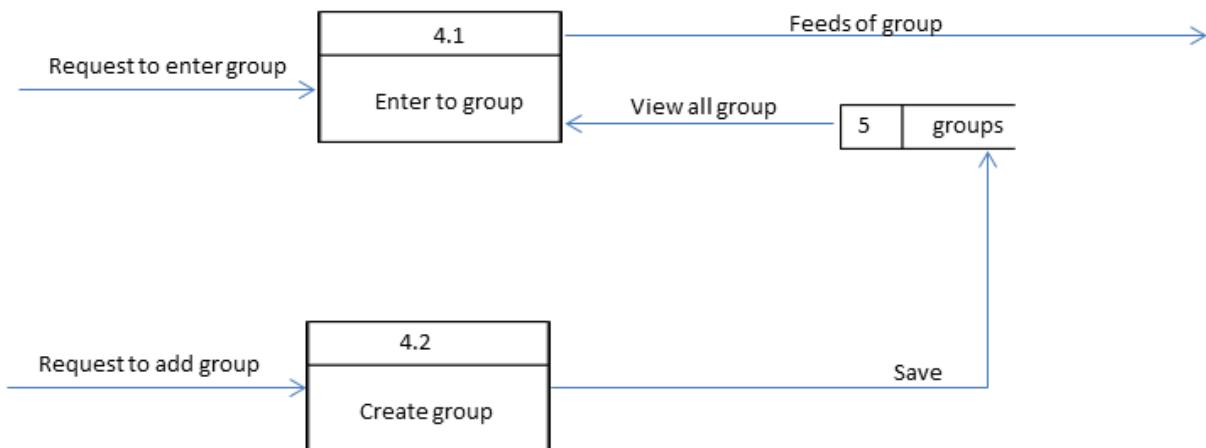


Figure 3.6 Data flow chart group child level

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

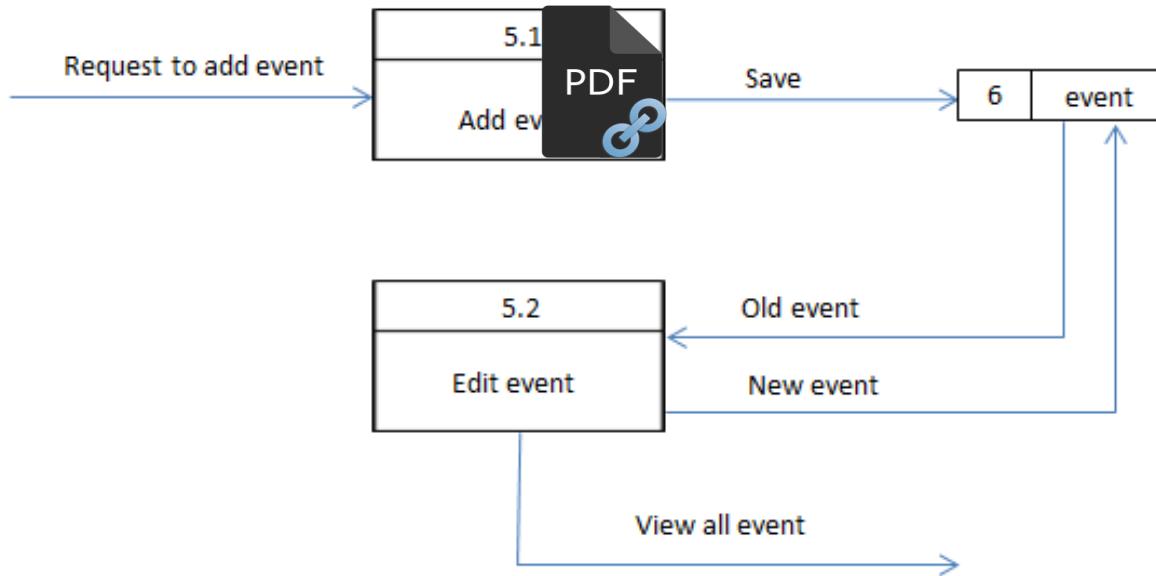


Figure 3.7 Data flow chart event child level

3.2 Flow chart

A flow chart is a graphical or symbolic representation of a process. Each step in the process is represented by a different symbol and contains a short description of the process step. The flow chart symbols are linked together with arrows showing the process flow direction [10].

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

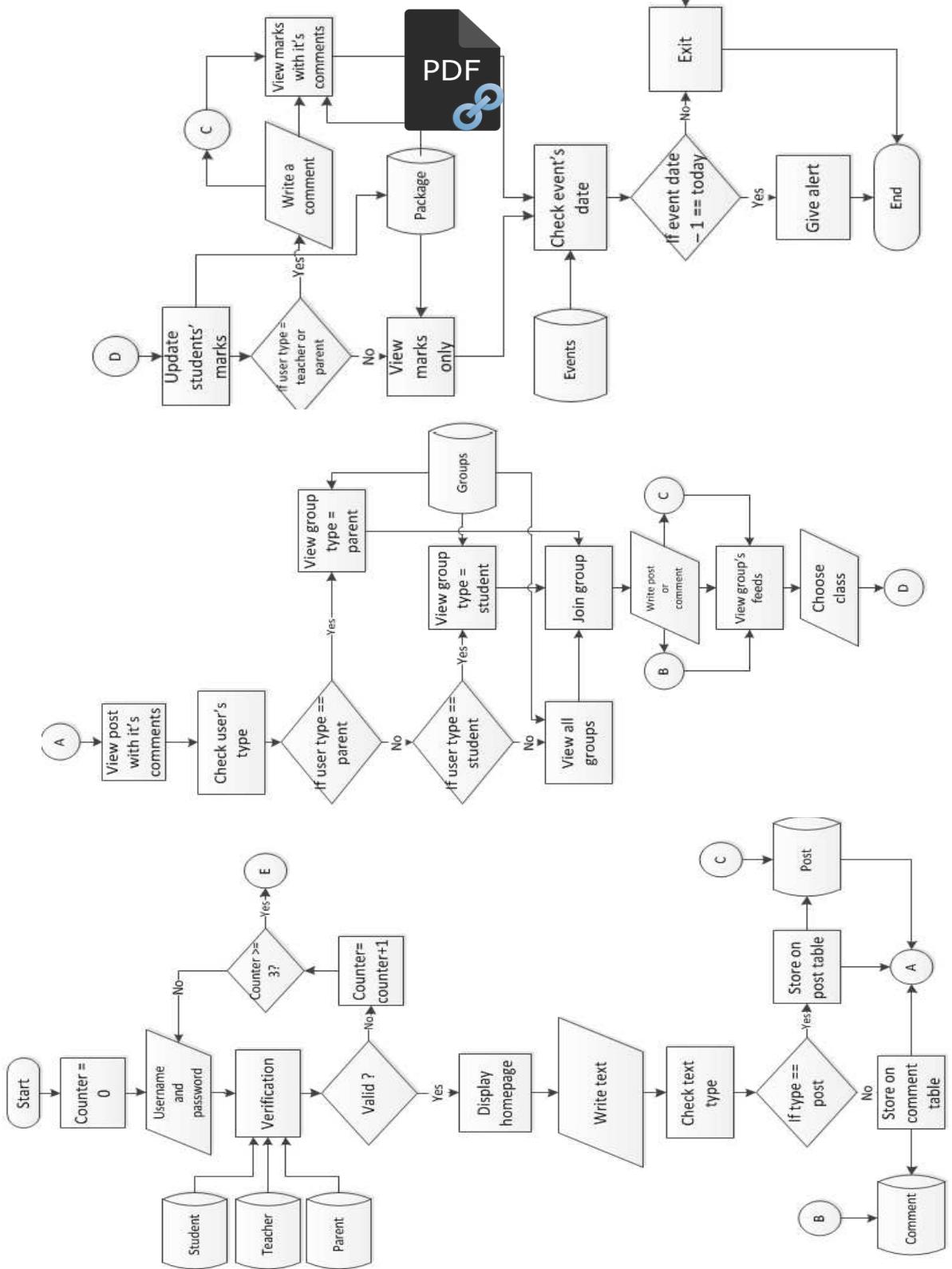


Figure 3.8 Talk-Edu flow chart

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

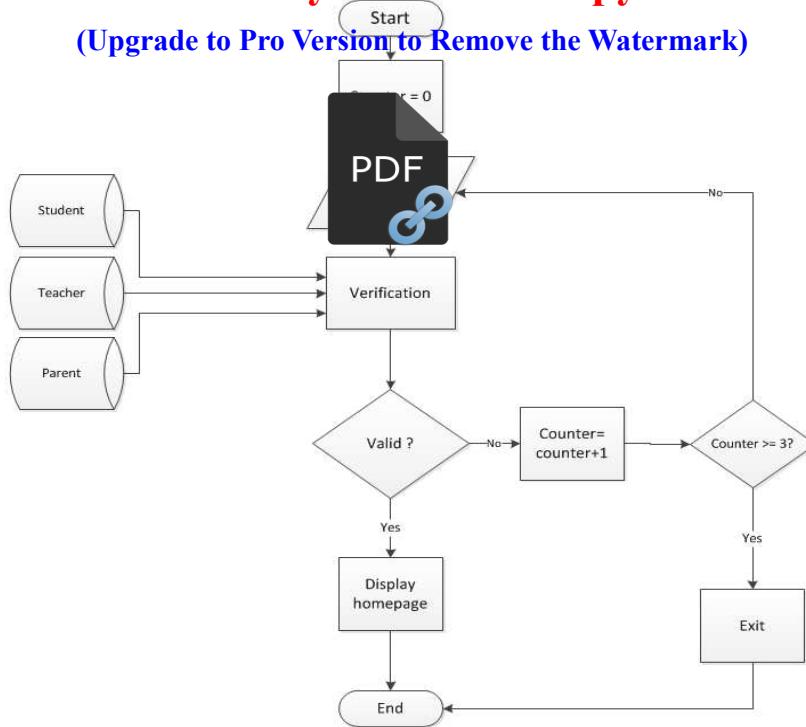


Figure 3.9 Login flow chart

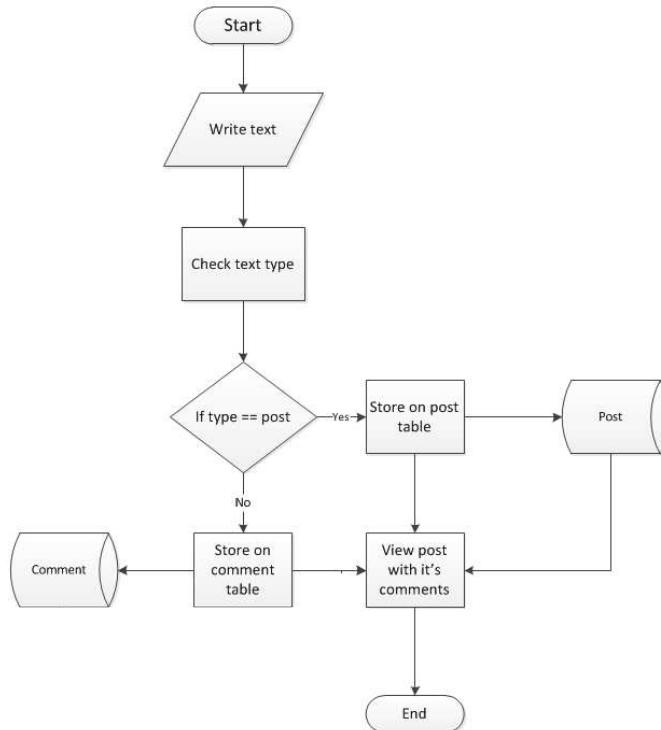


Figure 3.10 feeds flow chart

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

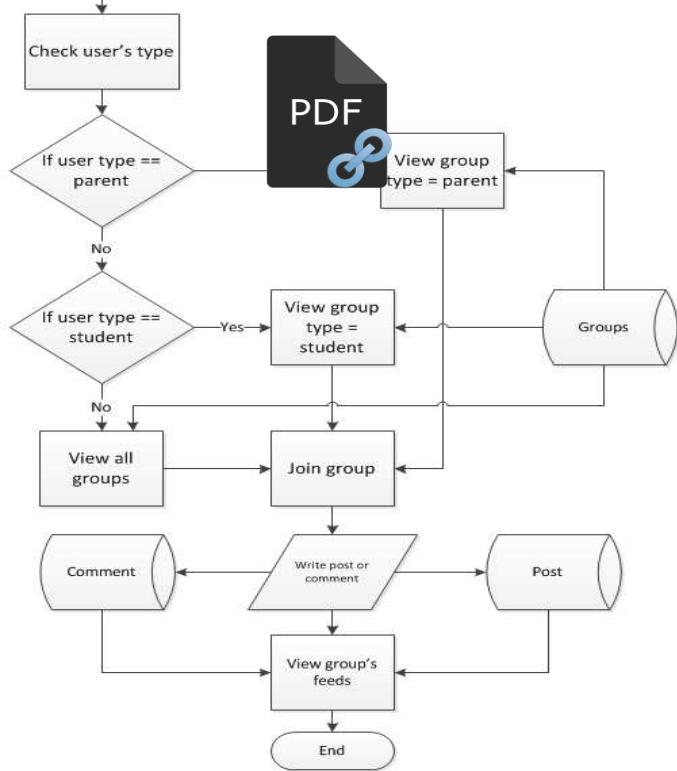


Figure 3.11 Group flow chart

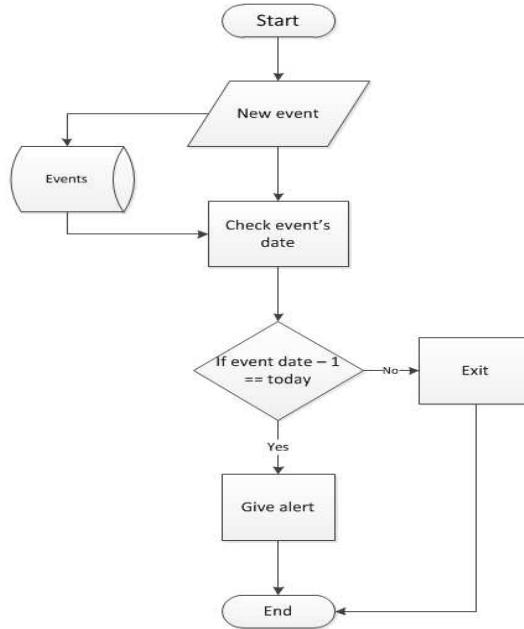


Figure 3.12 Event flow chart

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

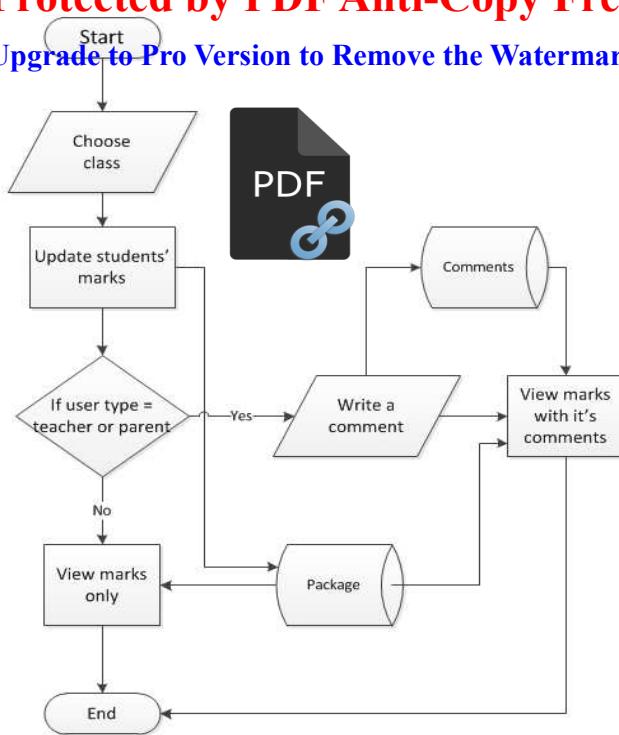


Figure 3.13 Marks flow chart

3.3 Structure English

Is the use of the English language with the syntax of structured programming to communicate the design of a computer program to non-technical users by breaking it down into logical steps using straightforward English words. Structured English aims to get the benefits of both the programming logic and natural language: program logic helps to attain precision, whilst natural language helps with the familiarity of the spoken word [11].

Protected by PDF Anti-Copy Free

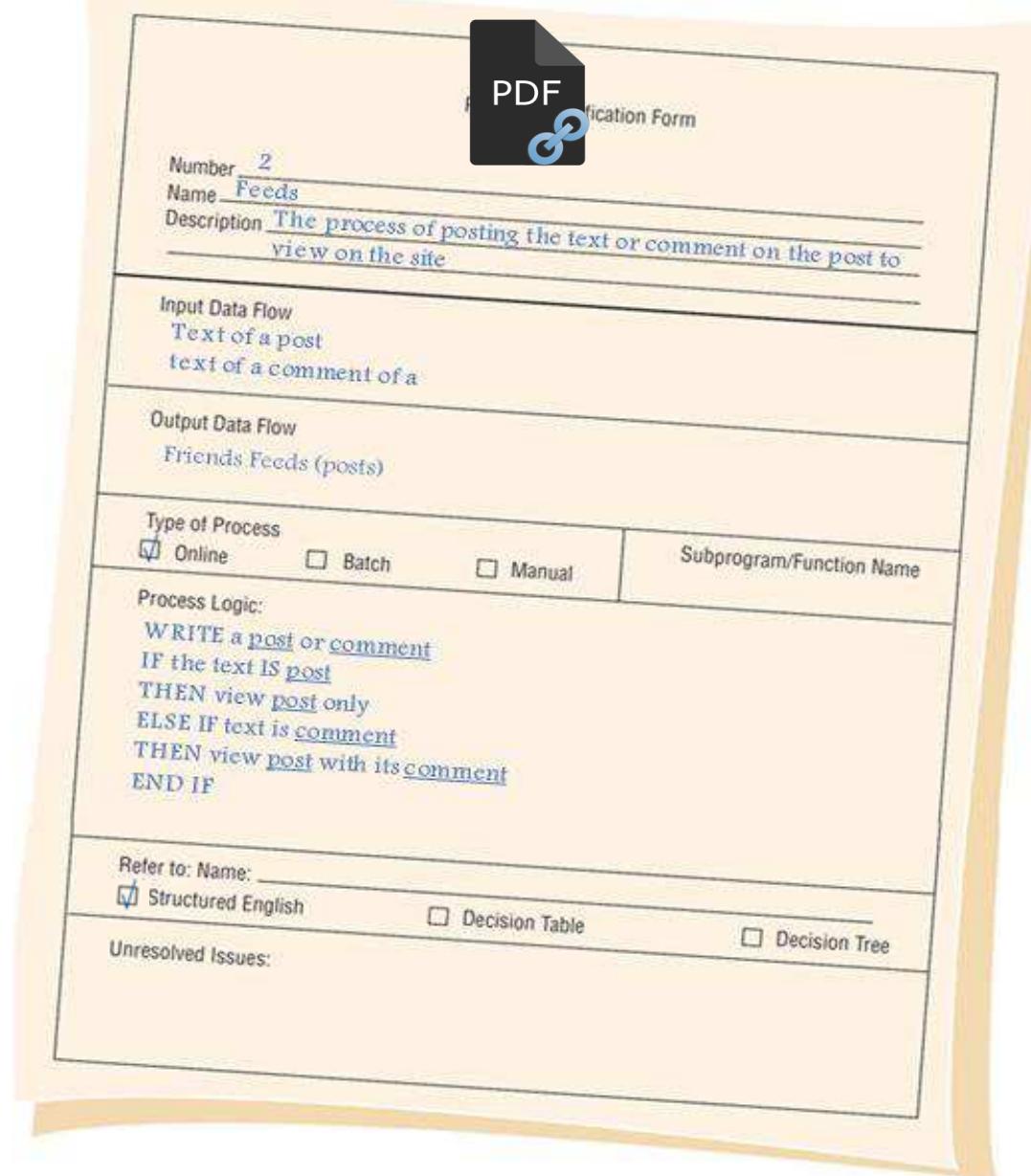
(Upgrade to Pro Version to Remove the Watermark)

 PDF Application Form		
Number <u>1</u> Name <u>Login</u> Description Enter the username and password and determine if the username and password are valid		
Input Data Flow <u>Username</u> <u>Password</u>		
Output Data Flow <u>Authorization to enter the site</u>		
Type of Process <input checked="" type="checkbox"/> Online <input type="checkbox"/> Batch <input type="checkbox"/> Manual		Subprogram/Function Name
Process Logic: ENTER <u>username</u> ENTER <u>password</u> VERIFY <u>username and Password</u> IF <u>Account</u> is valid THEN DISPLAY <u>Homepage</u> ELSE CALCULATE Counter = counter+1 ENDIF DO WHILE <u>Counter <= 3</u> IF <u>counter >= 3</u> THEN EXIT ELSE ENTER <u>Username and password</u> END IF END DO.		
Refer to: Name: _____ <input checked="" type="checkbox"/> Structured English <input type="checkbox"/> Decision Table <input type="checkbox"/> Decision Tree		
Unresolved Issues:		

Figure 3.14 Login Structure English

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)



The application window has a title bar 'PDF Application Form' with a 'PDF' icon. Below it is a form with the following fields:

- Number:** 2
- Name:** Feeds
- Description:** The process of posting the text or comment on the post to view on the site
- Input Data Flow:**
 - Text of a post
 - text of a comment of a
- Output Data Flow:**
 - Friends Feeds (posts)
- Type of Process:**

<input checked="" type="checkbox"/> Online	<input type="checkbox"/> Batch	<input type="checkbox"/> Manual	Subprogram/Function Name
--	--------------------------------	---------------------------------	--------------------------
- Process Logic:**

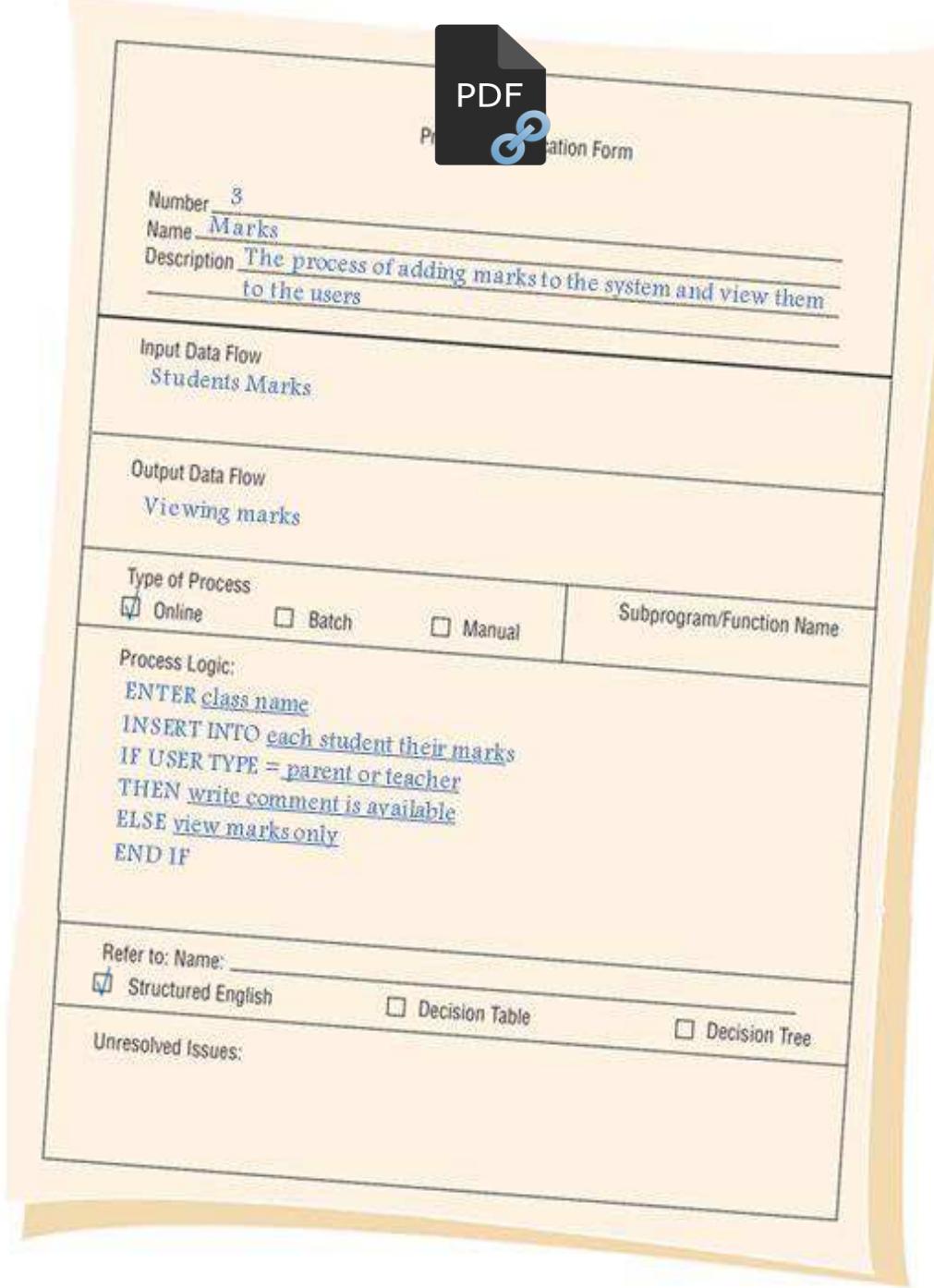
```

WRITE a post or comment
IF the text IS post
THEN view post only
ELSE IF text is comment
THEN view post with its comment
END IF
  
```
- Refer to:** Name: _____
- Structured English:**
- Decision Table:**
- Decision Tree:**
- Unresolved Issues:** _____

Figure 3.15 Feeds Structure English

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)



PDF
Process Specification Form

Number 3
Name Marks
Description The process of adding marks to the system and view them to the users

Input Data Flow
Students Marks

Output Data Flow
Viewing marks

Type of Process	<input checked="" type="checkbox"/> Online <input type="checkbox"/> Batch <input type="checkbox"/> Manual	Subprogram/Function Name
-----------------	---	--------------------------

Process Logic:

```

ENTER class name
INSERT INTO each student their marks
IF USER TYPE = parent or teacher
THEN write comment is available
ELSE view marks only
END IF
  
```

Refer to: Name: _____

<input checked="" type="checkbox"/> Structured English	<input type="checkbox"/> Decision Table	<input type="checkbox"/> Decision Tree
--	---	--

Unresolved Issues:

Figure 3.16 Marks Structure English

Protected by PDF Anti-Copy Free

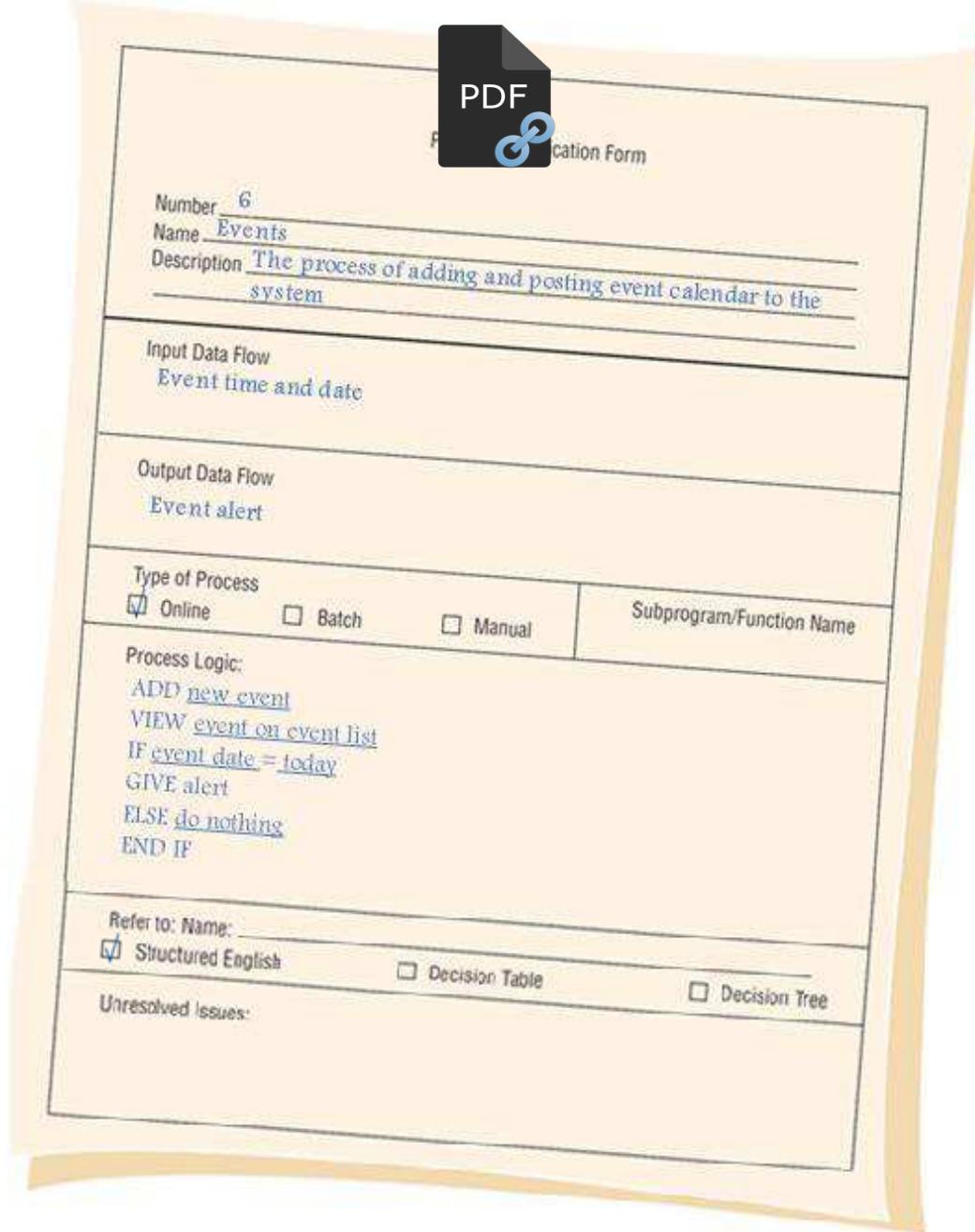
(Upgrade to Pro Version to Remove the Watermark)

PDF Application Form		
Number <u>4</u> Name <u>Groups</u> Description <u>Joining users inside closed groups to chat</u>		
Input Data Flow <u>Request to join group</u>		
Output Data Flow <u>Group's feeds</u>		
Type of Process <input checked="" type="checkbox"/> Online <input type="checkbox"/> Batch <input type="checkbox"/> Manual		Subprogram/Function Name
Process Logic: <u>VIEW groups list</u> <u>IF user type =parents</u> <u>THEN view groups</u> <u>WHERE group type =parents</u> <u>ELSE IF user type=student</u> <u>WHERE student type=student</u> <u>ELSE VIEW all groups</u> <u>END IF</u> <u>WRITE posts</u> <u>VIEW groups feeds</u>		
Refer to: Name: _____ <input checked="" type="checkbox"/> Structured English <input type="checkbox"/> Decision Table <input type="checkbox"/> Decision Tree		
Unresolved Issues:		

Figure 3.17 Groups Structure English

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)



The document is a PDF titled "Event Application Form". It contains a process flow diagram with the following steps:

- Input Data Flow:** Event time and date
- Output Data Flow:** Event alert
- Type of Process:**
 - Online
 - Batch
 - Manual
- Subprogram/Function Name:** (Empty field)
- Process Logic:**

```

ADD new event
VIEW event on event list
IF event_date = today
  GIVE alert
ELSE do nothing
END IF
    
```
- Refer to:**
 - Name: (Empty field)
 - Structured English
 - Decision Table
 - Decision Tree
- Unresolved Issues:** (Empty field)

Figure 3.18 Events Structure English

Protected by PDF Anti-Copy Free

3.4 Usecase (Upgrade to Pro Version to Remove the Watermark)

A use case is a methodology used in system analysis to identify, clarify, and organize system requirements. The use case is made up of a set of possible sequences of interactions between systems and users in a particular environment and related to a particular goal. [12]



3.4.1 Usecase Diagram

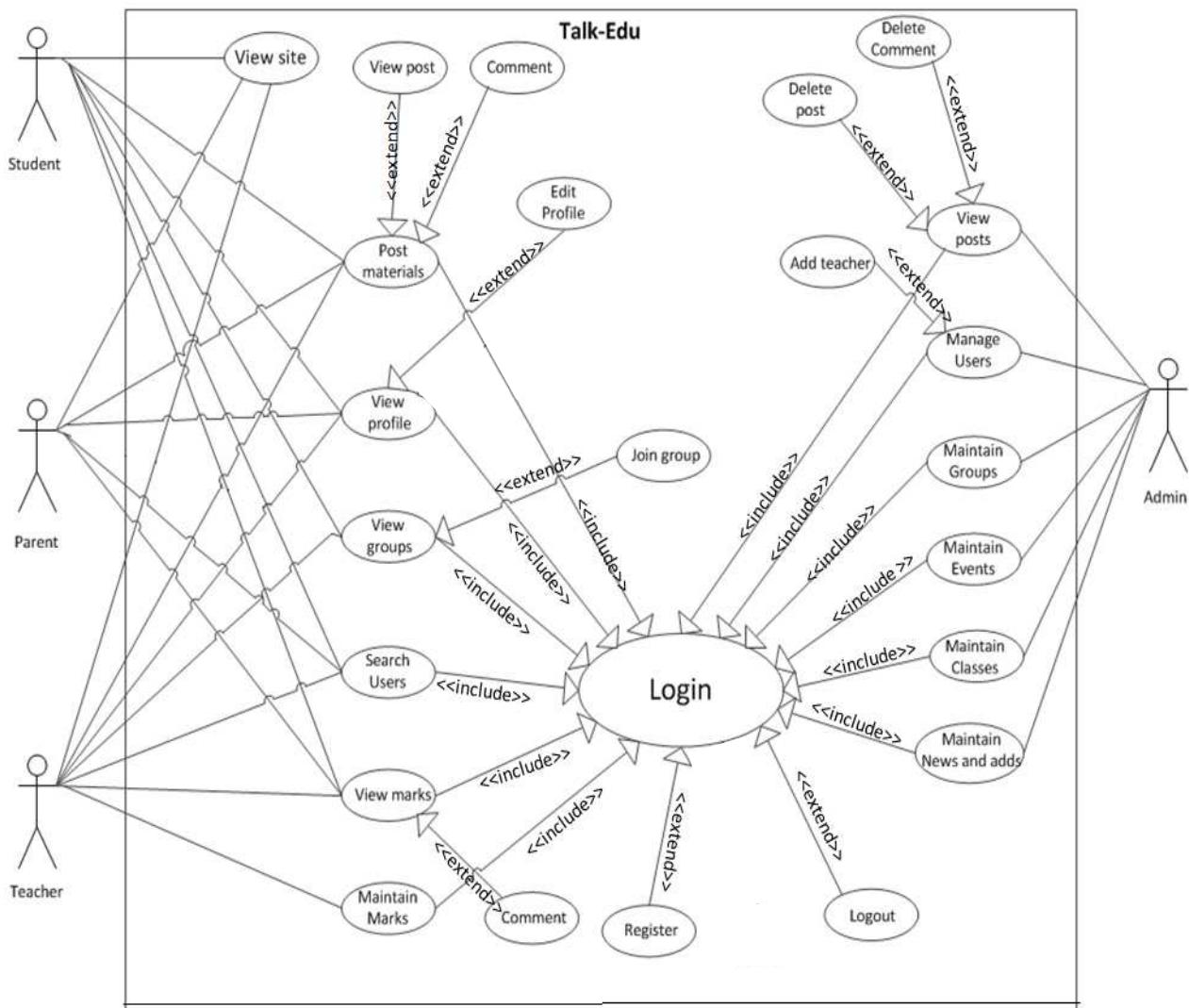


Figure 3.19 Usecase Diagram

Protected by PDF Anti-Copy Free

3.4.2 Usecase scenarios

(Upgrade to Pro Version to Remove the Watermark)

A use case scenario is a single path through the use case.



Use case name	Manage users
Actor	Admin
Description	The admin maintain the users
Step	1- The admin chooses the user type 2- Delete/ update the users
Pre-condition	User registration
Post condition	User updated or deleted
Assumption	User is registered

Table 3.1 Manage users usecase scenario

Use case name	Maintain groups
Actor	Admin
Description	The admin can add, edit, and delete groups
Step	1- The admin can add group 2- The admin can edit group 3-The admin can delete group
Pre-condition	Send request
Post condition	Member enters to the group
Assumption	User send request to the admin to enter him to the group

Table 3.2 Maintain groups usecase scenario

Protected by PDF Anti-Copy Free

Use case name (Upgrade to Pro Version to Remove the Watermark)		Maintain images
Actor		Admin
Description		The admin can add, edit, and delete images
Step		1-the users upload a images 2-the admin can edit the photo of users 3-the admin can delete photo of users 4- the admin can add photo of users
Pre-condition		The user send request to add images
Post condition		The users comment and view the photo
Assumption		The users send request to add group

Table 3.3 Maintain images usecase scenario

Use case name	Maintain events
Actor	Admin
Description	The admin can add, edit, and delete events
Step	1- the admin can add events 2-the admin can edit events 3- the admin can delete events
Pre-condition	Request to add events
Post condition	Add the events
Assumption	The admin logged in

Table 3.4 Maintain events usecase scenario

Use case name	Delete comment
Actor	Admin
Description	The admin delete the users comment
Step	1-the user but a comment 2-the admin delete the user comment
Pre-condition	Users add a comment
Post condition	The comment deleted
Assumption	The users but a comment

Table 3.5 Delete comment usecase scenario

Protected by PDF Anti-Copy Free

Use case name (Upgrade to Pro Version to Remove the Watermark)	Delete post
Actor	Admin
Description	The admin delete the users post
Step	1-the users add post 2-the admin delete the post
Pre-condition	The users add a post
Post condition	The posts deleted
Assumption	The users but a post

Table 3.6 Delete post usecase scenario

Use case name:	View profile
Actor	Students , teachers and parents
Description	The users can view the profile
Steps	1)login 2) view my profile
Precondition	Login
Post condition	Edit profile
Assumption	The users logged in

Table 3.7 View Profile usecase scenario

Use case name:	View images
Actor	Students , teachers and parents
Description	The users can view the image
Steps	1)login 2) view my profile 3) view the images
Precondition	Login view the images
Post condition	Comment on the image
Assumption	User login

Table 3.8 View images usecase scenario

Protected by PDF Anti-Copy Free

Use case name: (Upgrade to Pro Version to Remove the Watermark)	
Actor:	Search users Students , teachers and parents
Description:	Enter user name
Steps:	1) Login 2) Enter user name
Precondition:	Login
Post condition:	View search result
Assumption:	The user search some user

Table 3.9 search user usecase scenario

Use case name	Comment
Actor	Students , teachers and parents
Description	Write the comment
Steps	1)the user show the post 2) write a comment
Precondition	Post
Post condition	Post comment
Assumption	The user write a comment in a post

Table 3.10 comment usecase scenario

Use case name	Post materials
Actor	Students , teachers and parents
Description	The users post text
Steps	1)login 2) my profile 3) enter a post
Precondition	Logged in
Post condition	Write a comment
Assumption	The users post a materials

Table 3.11 post materials usecase scenario

Protected by PDF Anti-Copy Free

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

Use case name	register group
Actor	Students , teachers and parents
Description	users send a request to enter the group
Steps	 1) login 2) send request
Precondition	Login
Post condition	Enter to the group
Assumption	The user send request to enter group

Table 3.12 Register group usecase scenario

Use case name	View marks
Actor	Students and parents
Description	The users view his marks
Steps	1)login 2)marks 3)view marks
Precondition	Login
Post condition	Comment on mark
Assumption	The teacher enter the marks

Table 3.13 View marks usecase scenario

Use case name	View post
Actor	Students , teachers and parents
Description	The users view the post
Steps	1)login 2)view the post
Precondition	Show the post
Post condition	Write a comment
Assumption	The users show the posts

Table 3.14 View post usecase scenario

Protected by PDF Anti-Copy Free

Use case name (Upgrade to Pro Version to Remove the Watermark)		View groups
Actor		Students , teachers and parents
Description		The user view the group
Steps		Open the group
Precondition		the groups
Post condition		Enter to the group
Assumption		The users show the groups

Table 3.15 View groups usecase scenario

Use case name:	Maintain marks
Actor	Teachers
Description	The teacher enter the marks
Steps	1)add mark 2) edit mark 3)delete mark
Precondition	User is a teacher
Post condition	Save marks
Assumption	The teacher input the marks

Table 3.16 Maintain marks usecase scenario

Use case name	Login
Actor	Teachers, students, and parents
Description	The user logging in the system
Steps	1)enter username 2) enter password 3)login
Precondition	The user is registered
Post condition	Friends feeds
Assumption	The user have an account

Table 3.17 Login usecase scenario

Protected by PDF Anti-Copy Free

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

Use case name	Logout
Actor	Teachers, students and parents
Description	Leave website
Steps	User finished using the website Logout
Pre-condition	User is logged in
Post condition	Login to the website
Assumption	The user is registered and logged in

Table 3.18 Logout usecase scenario

Use case name	Register
Actor	Teachers, students, and parents
Description	The users register to have an account
Steps	1)enter the website 2) enter personal information 3)login to the website
Precondition	User is viewed the site
Post condition	Login to the website
Assumption	The user is registered on the school

Table 3.19 Register usecase scenario

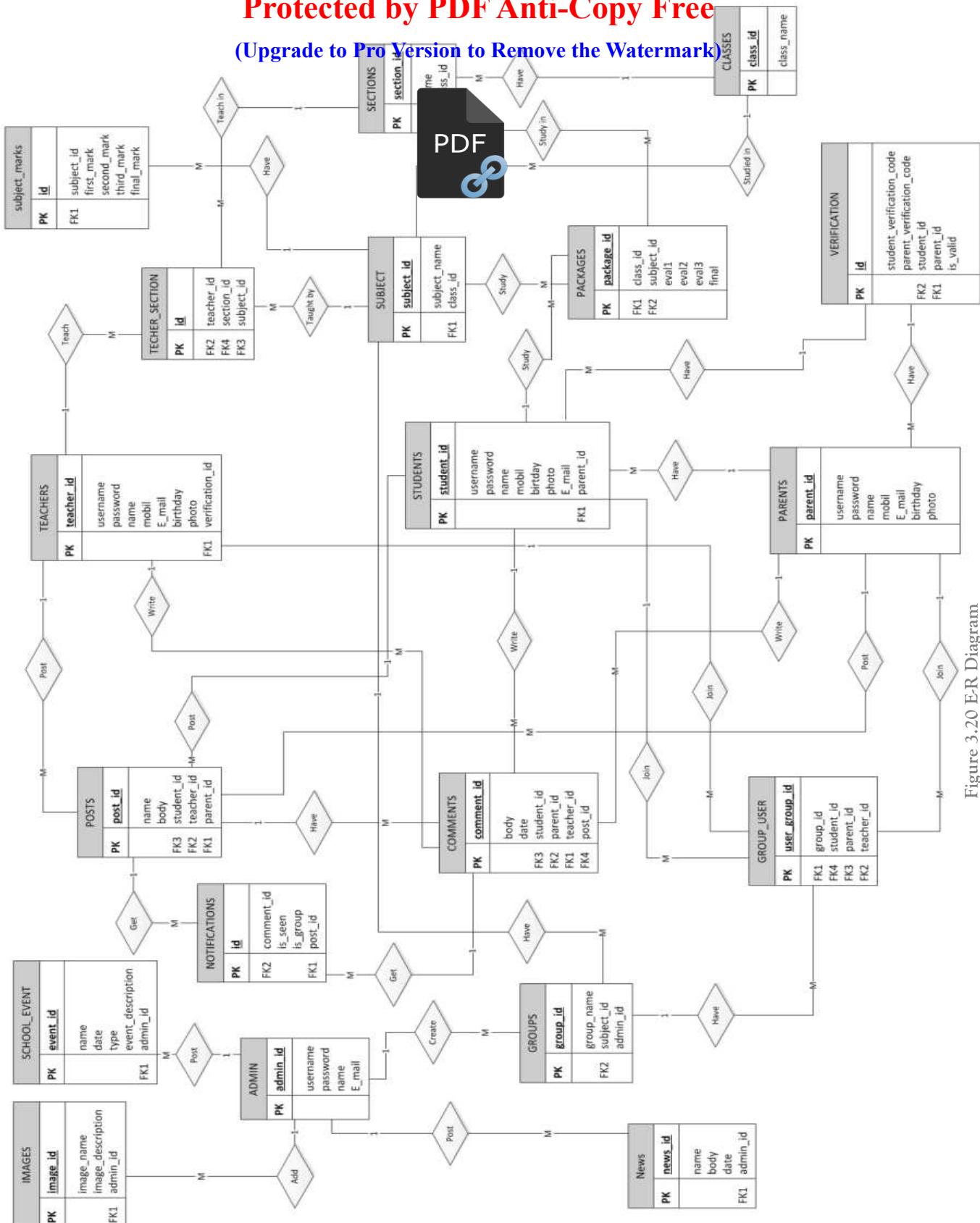
3.5 Database

A database is a collection of information that is organized so that it can easily be accessed, managed, and updated. In one view, databases can be classified according to types of content: bibliographic, full-text, numeric, and images.

In computing, databases are sometimes classified according to their organizational approaches. The most prevalent approach is the relational database, a tabular database in which data is defined so that it can be reorganized and accessed in a number of different ways [13].

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)



3.5.1 E-R Diagram

Figure 3.20 E-R Diagram

Protected by PDF Anti-Copy Free

3.5.2 Data dictionary

[\(Upgrade to Pro Version to Remove the Watermark\)](#)



Name	Type	Primary Key	Null	Unique	Description
Admin_ID	int(7)	✓	No	✓	Unique id to identify each admin.
Username	varchar(50)		No		The name that the user enter into the system.
Password	varchar(50)		No		Admin password to enter the site.
Name	varchar(50)		No		The name of the admin.
Email	varchar(50)		No		Admin e_mail.

Table 3.20 table of admin that has all the validity to do the work

Name	Type	Primary key	Foreign key	Null	Unique	Description
Class_ID	int(7)	✓		No	✓	Unique id to identify each class
Class_Name	varchar(20)			No	✓	The name of the class

Table 3.21 Table class that from it the users can know the class name

Name	Type	Primary key	Foreign key	Null	Unique	Description
Group_id	int(7)	✓		No		Unique id to identify each group
Group_Name	Varchar(100)			No	✓	The groups name
Subject_id	Int(7)		✓	No		Unique id to identify each subject
Admin_id	Int(7)					Unique id to identify each admin

Table 3.22 Table group that the users can interact with each other's

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)



Name	Type	Primary key	Foreign key	Null	Unique	Description
Comment_ID	int(7)	√		No	√	Unique id to identify each comment
Body	Text			No		What the comment include
Date	Date			No		The date of the comment
Student_ID	int(7)		√	No	√	Unique id to identify each student
Parent_ID	int(7)		√	No	√	Unique id to identify each parent
Teacher_ID	int(7)		√	No	√	Unique id to identify each teacher
Post_ID	int(7)		√	No	√	Unique id to identify each post

Table 3.23 Table of comment that the users can comment in the post

Name	Type	Primary key	Foreign key	Null	Unique	Description
Image_ID	int(7)	√		No		The number of Image
Image_name	varchar(100)			No		The name of the image
Image_description	varchar(100)			No		The description of the image

Table 3.24 The images table from it the users can view the images and comment on it

Protected by PDF Anti-Copy Free

Name	Type (Upgrade to Pro Version to Remove the Watermark)	Primary key	Foreign key	Null	Unique	Description
User_Group_ID	int(7)	√		No	√	Unique id to identify each user_group
Group_ID	int(7)			No		Unique id to identify each group
Student_ID	int(7)		√	No		Unique id to identify each student
Parent_ID	int(7)		√	No		Unique id to identify each parent
Teacher_ID	Int(7)		√	No		Unique id to identify each teacher

Table 3.25 Table group_user

Name	Type	Primary key	Foreign key	Null	Unique	Description
Package_id	int(7)	√		No		The number of the package
Class_id	int(7)		√	No		Unique id to identify each class
Subject_id	int(7)		√	No		Unique id to identify each subject
Eval1	int(2)			No		The mark of first evaluation
Eval2	int(2)			No		The mark of second evaluation
Eval3	int(2)			No		The mark of third evaluation
Final	int(2)			No		The mark of final evaluation

Table 3.26 the packages table include the class name and the subject that take it in the class and the teacher who teach on it

Protected by PDF Anti-Copy Free

Name	Type	Primary key (Upgrade to Pro Version to Remove the Watermark)	Foreign key	Null	Unique	Description
News_id	int(7)	√		No	√	The number of the news
Name	varchar(50)			No		The news number
Body	Text			No		What the news include
Date	Date			No		The date of the news
Admin_id	Int(7)		√			Unique id to identify each teacher

Table 3.27 the news table from it the users can know the important news about school

Name	Type	Primary key	Foreign key	Null	unique	Description
Subject_id	int(7)	√		No		Unique id to identify each subject
Subject_name	varchar(50)			No		The name of subject
Class_id	Int(7)		√	No		Unique id to identify each class

Table 3.28 the name of the subject that the students take it in the class

Name	Type	Primary key	Foreign key	Null	Unique	Description
Event_id	int(7)	√		No		Unique id to identify each event
Name	varchar(200)			No		The event name
Date	Date			No		The date of the event
Time	Datetime			No		The time of the event
Event_desc	Text			No		The event information
Admin_id	Int(7)		√	No		Unique id to identify each admin

Table 3.29 from this table the users can know the school events

Protected by PDF Anti-Copy Free (Upgrade to Pro Version to Remove the Watermark)

Name	Type	Primary key	Foreign key	Null	Unique	Description
Parent_id	int(7)	✓		No	✓	Unique id to identify each parent
Username	varchar(50)			No		The parents user name to enter the user
Password	varchar(50)			No		The parents password to enter the user
Name	varchar(50)			No		The parents name
Mobile	varchar(15)			No		The parents mobile
Email	varchar(50)			No	✓	The parents email
Birthdate	Date			No		The parents birthdate
Photo	varchar(100)			No		The profile picture

Table 3.30 table parent that include all information about the parents

Name	Type	Primary key	Foreign key	Null	unique	Description
Post_id	int(7)	✓		No		Post unique ID
Name	varchar(50)			No		The post name
Body	Text			No		What the body include
Student_id	int(7)		✓	No		Unique id to identify each student
Teacher_id	int(7)		✓	No		Unique id to identify each teacher
Parent_id	int(7)		✓	No		Unique id to identify each parent

Table 3.31 this table view the friends feeds for all users

Protected by PDF Anti-Copy Free

Name	Type	Primary key	Foreign key	Null	Unique	Description
Student_id	int(7)	√		No		Unique id to identify each student
Username	varchar(50)			No		The student user name to enter the user
Password	varchar(50)			No		The student password to enter the user
Name	varchar(50)			No		The student name
Mobile	varchar(15)			No		The student mobile
Birthdate	Date			No		The student birthdate
Photo	varchar(100)			No		The profile picture
Email	varchar(50)			No		The student email
Parent_id	int(7)		√	No		Unique id to identify each parent

Table 3.32 Table students that include all information about the students

Name	Type	Primary key	Foreign key	Null	Unique	Description
Teacher_id	int(7)	√		No		Unique id to identify each teacher
Username	varchar(50)			No		The teacher user name to enter the user
Password	varchar(50)			No		The teacher password to enter the user
Name	varchar(50)			No		The teacher name
Mobile	varchar(15)			No		The teacher mobile
Email	varchar(50)			No		The teacher email
Birthdate	Date			No		The teacher birthdate
Photo	varchar(100)			No		The profile picture
Verification_id	int(7)		√	No		The ID that make sure of the users identity

Table 3.33 Table teacher that include all information about the teachers

Protected by PDF Anti-Copy Free

Name	Type	Primary key (Upgrade to Pro Version to Remove the Watermark)	Foreign key	Null	Unique	Description
Id	Int(7)	✓		No	✓	Unique id to identify the id
Teacher_id	int(7)			No	✓	Unique id to identify each teacher
Section_id	Int(7)		✓	No	✓	Unique id to identify each section
subject_id	int(7)		✓	No	✓	Unique id to identify each subject

Table 3.34 table view the section of the each teacher

Name	Type	Primary key	Foreign key	Null	unique	Description
Verification_id	int(7)	✓		No	✓	The ID that make sure of the users identity
Student_Verification_code	varchar(20)			No		The code that used to verify student
parent_Verification_code	varchar(20)			No		The code that used to verify student
Student_id	int(7)	✓		No		Unique id to identify each student
Teacher_id	int(7)		✓	No		Unique id to identify each teacher

Table 3.35 gives verification code for the users

Protected by PDF Anti-Copy Free

Name	Type (Upgrade to Pro Version to Remove the Watermark)	Primary key	Foreign key	Null	unique	Description
notification_id	int(7)	√		No	√	Unique id to identify each notification
Comment_id	Int(7)			No	√	Unique id to identify each comment
Is_seen	Int(1)					Its 0 when the user didn't see the notification
Is_group	int(1)					If the notification is for a group
Post_id	int(7)	√		No		Post unique ID

Table 3.36 the notification of the user

Name	Type	Primary key	Foreign key	Null	unique	Description
Section_id	Int(7)	√		No	√	Unique id to identify each section
Name	Varchar(30)					The name of the section
class_id	Int(7)		√	No	√	Unique id to identify each class

Table 3.37 view the section for each class

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

Name	Type	Primary key	Foreign key	Null	Unique	Description
Id	int(7)	✓		No		The ID to identify subject mark
Subject_id	int(7)			No		Unique id to identify each subject
First mark	int(2)			No		The mark of first evaluation
Second mark	int(2)			No		The mark of second evaluation
Third mark	int(2)			No		The mark of third evaluation
Final mark	int(2)			No		The mark of final evaluation

Table 3.38 the subject mark table include the mark of each subject

3.6 Process Specification

A process specification is a method used to document, analyze and explain the decision-making logic and formulas used to create output data from process input data. Its objective is to flow down and specify regulatory/engineering requirements and procedures. High-quality, consistent data requires clear and complete process specifications.

A process specification reduces ambiguity, allowing an individual or organization to obtain a precise description of executed tasks and accomplishments and validate system design, including the data dictionary and data flow diagrams.[14]

Protected by PDF Anti-Copy Free

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

Event	Sources	Triggered By	Activity	Response	Destination
Log in	Student, Teacher, and Parent	Username, Password	Find user's record, verify password, send dashboard page	Dashboard page	Student, Teacher, and Parent
Update the students' marks	Teacher	Teacher updates the students' marks	The student and the parent view the updated marks	View student's marks	Student, parent
Join groups and get the group's feeds	Teacher and Student	The user choose which group to enter depends on the user's type.	The user will receive a notification of the group's feeds	The group's feeds	Teacher and student
School's events calendar	Student, Teacher, and Parent	The calendar gives the yearly events of the school	The customer will receive alert before the events time	View the event's description and time	Student, Teacher, and Parent

Table 3.39 Talk-Edu Event Response Table

3.6.1 Data Flow Diagram of Talk-Edu event response table

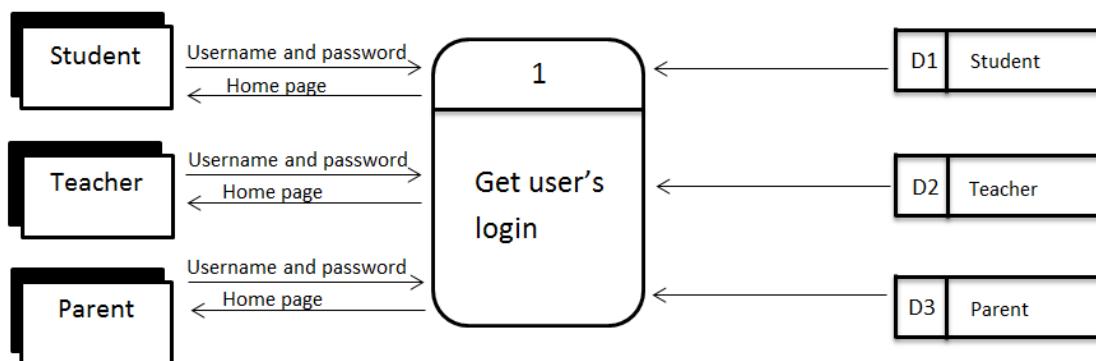


Figure 3.21 Get user login DFD

Protected by PDF Anti-Copy Free

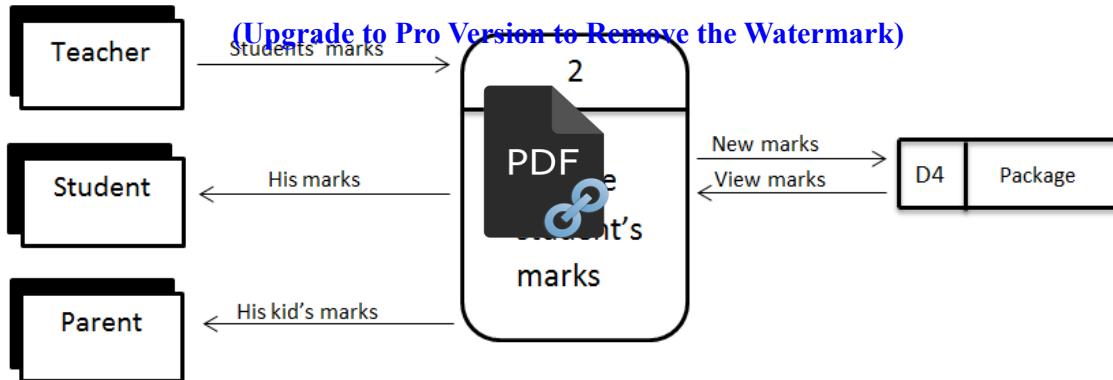


Figure 3.22 Update student's marks DFD

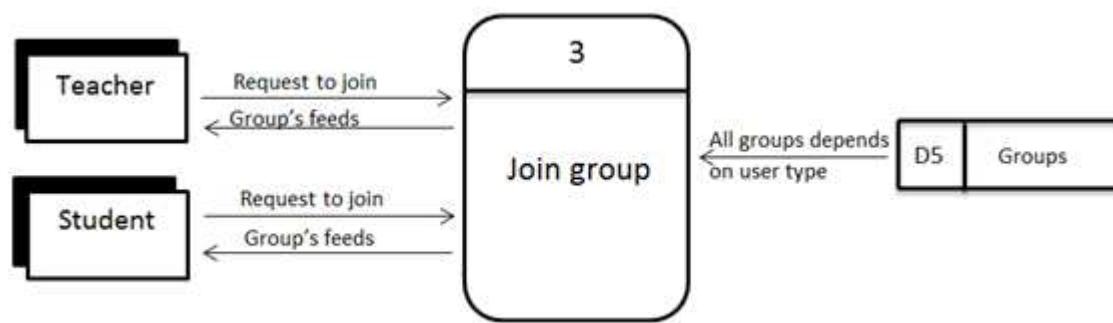


Figure 3.23 Join group DFD

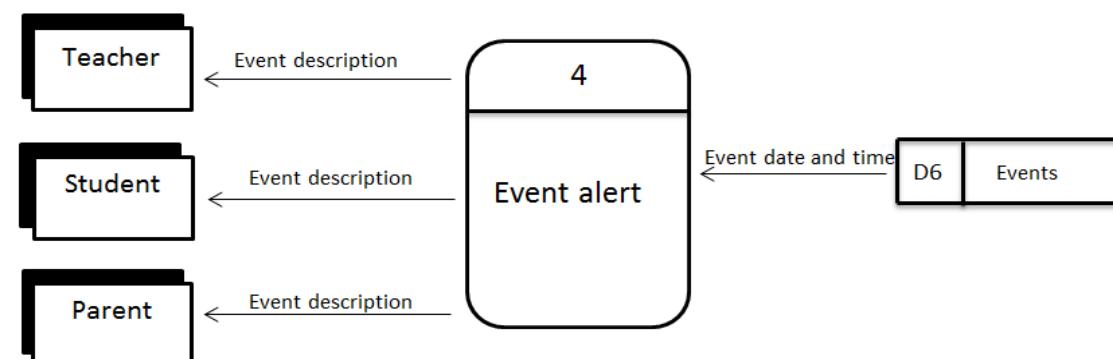


Figure 3.24 Event alert DFD

Protected by PDF Anti-Copy Free

3.7 Entity Event Matrix (Upgrade to Pro Version to Remove the Watermark)

A CRUD matrix is a table showing the actions in an application containing SQL statement affecting parts of a database. The CRUD Matrix is an excellent technique to identify the Tables in a Database that can be used in any User interaction with a Web Site. CRUD means ‘Create, Read, Update or Delete’, and the CRUD Matrix identifies the Tables involved in any CRUD operation. [15]

Table 3.40 CRUD Matrix

User\page	Home	Registration	Dashboard	Group	Events	News	Marks	Section	Subject
Admin	CRUD	CRUD	RD	CRUD	CRUD	CRUD	RU	CRUD	CRUD
Student	R	CR	CR	R	R	R	R	R	R
Teacher	R	-	CR	R	R	R	CRUD	R	R
Parent	R	CR	CR	R	R	R	R	R	R

Table 3.40 Talk-Edu CRUD Matrix

Protected by PDF Anti-Copy Free

4.1 User manual and interfaces

(Upgrade to Pro Version to Remove the Watermark)

A document created by the manufacturer of a device that provides detailed installation and operation instructions.

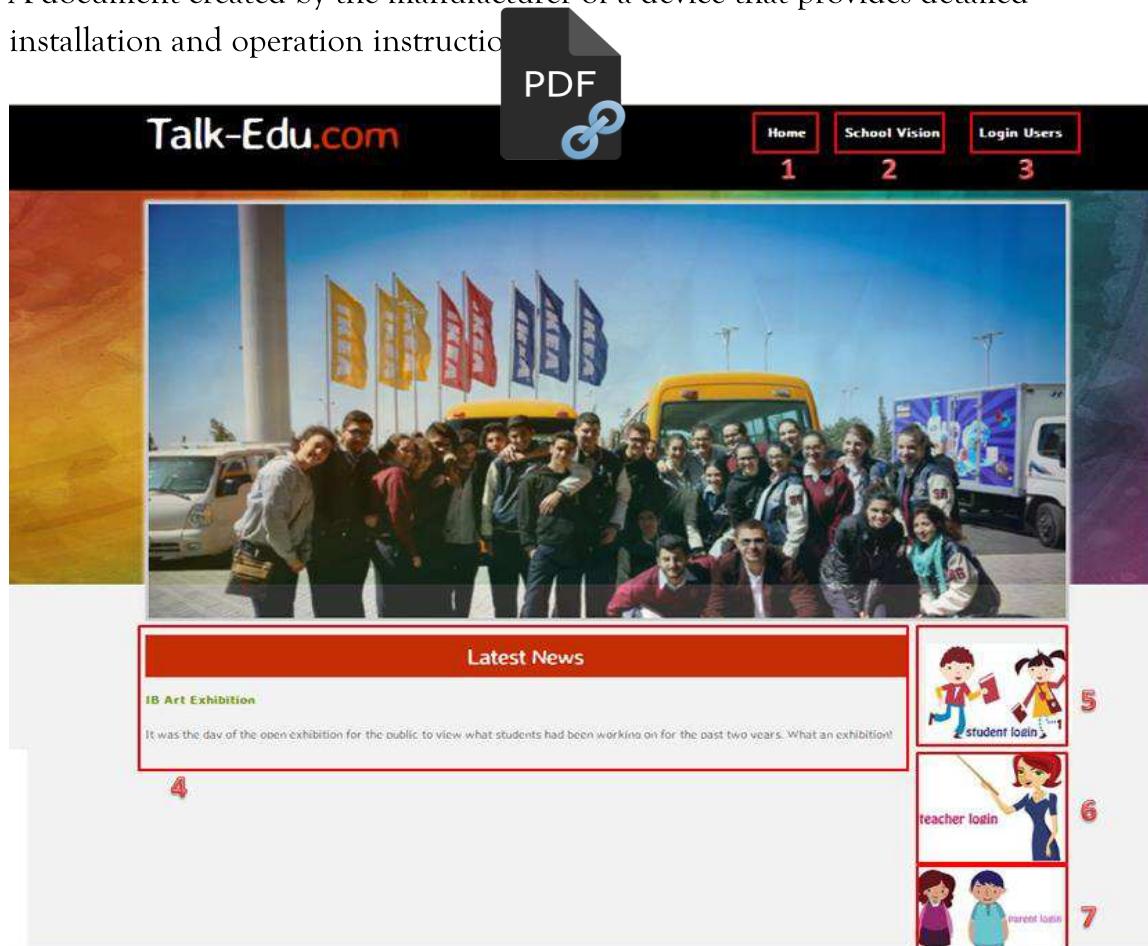


Figure 4.1 Home page

- 1- The Home button (to go back to this page)
- 2- School vision button the page that views the school goals
- 3- Login Users: that the users can login from (depend on the user's type)
- 4-. The school's Latest News that posted by the administrator
- 5- To go directly to the student's login
- 6-To go directly to the teacher's login
- 7-To go directly to the parent's login

Protected by PDF Anti-Copy Free
STUDENT SYSTEM
(Upgrade to Pro Version to Remove the Watermark)



Figure 4.2 Student Login page

Your login page, that you have to be registered to the school and website before you login

1– Enter your username here

2– Enter your password here

3– Click login button to check if the your username are correct so that you access

(Be careful to enter more than 3 times wrong username and/or password because the website will block for 3 minutes)

4– Click register button to register as a new student to the website

(Before you register you have to take a verification code from the school's administrator)

Protected by PDF Anti-Copy Free
 Talk-Edu.com
 (Upgrade to Pro Version to Remove the Watermark)

Student Register

PDF

First Name :	<input type="text"/>	1
Last Name :	<input type="text"/>	2
Email :	<input type="text"/>	3
Username:	<input type="text"/>	4
Password :	<input type="password"/>	
Birth Date:	<input type="text"/> mm/dd/yyyy	
Upload photo:	<input type="file"/> Choose File No file chosen	5
Verification code:	<input type="text"/>	6
Choose Class :	<input type="button" value="Choose class"/>	
<input type="button" value="Register"/> <input type="button" value="Cancel"/>		

Figure 4.3 Student registration page

In this page you need to fill your information to register to the system

- 1– Enter your personal information here
- 2– Upload a picture to be your profile picture (Optional)
- 3– Here you have to put your verification code that the school administrator gives it to you
- 4– Choose your current class and section
- 5– Click register button to submit your information
- 6– Click cancel button to exit register page

Protected by PDE Anti-Copy Free
 (Upgrade to Pro Version to Remove the Watermark)

The dashboard page features a top navigation bar with links: Home, Profile, My information, My Marks, Marks report, and Logout. It also shows a user profile picture, name, grade (first grade student 1), and notification counts (7, 8, 0). The main area includes:

- Left Sidebar (9):** Search friends, My groups (10), Math group, English, Suggested groups (arabic, grammar, grammar, solutions, homeworks, arabic home works), and a View All Groups button (11).
- Central Area (16):** A PDF icon with a circular arrow symbol, a post button, and a Friends posts section.
- Friends Posts (17):** Posts from fstudent1 (1 day ago) and parent1 (1 day ago), each with a comment section.
- Right Sidebar (12):** School News (IB Art Exhibition, TOK presentations, Grade 11 IB Group 4 Project Presentations Grade 11), a View All News button (13), and a School Events section (14) listing Basketball Tournament, Open day, School Lock-in, and Summer Camp, with a View All Events button (15).

Figure 4.4 Student dashboard page

This is your main page after login or register

- 1– Home button to view this page, your friends feeds
- 2– Profile button to view your information and your posts
- 3– My information button that you can edit your information from
- 4– My marks button to view your marks page that uploaded by your teachers
- 5– To have your marks report click on my marks report
- 6– Logout button to exit the website
- 7– Your profile picture and your name
- 8– Notification button
- 9– To search your friends profiles
- 10– Groups section that viewed your current groups and suggested groups to join them
- 11– To view all groups on a new page
- 12– The school's news

Protected by PDF Anti-Copy Free

13- To view all news on a new page
(Upgrade to Pro Version to Remove the Watermark)

14- The school's events

15- To view all events on a new page



16- A place to post a new post

17- Your friends posts and their comments

Figure 4.5 Student profile page

1- Your username

2- Your profile picture

3- Your information

4- Your posts

Protected by PDF Anti-Copy Free

Talk-Edu.com [Upgrade to Pro Version to Remove the Watermark](#) first grade student 1 0

My Information

1 Username: fstudent1
Full name: first grade student
E-mail: noody02@hotmail.com
Phone number:
Birth Date: 06/27/2014

2 new password
confirm password

3 old password

4 Submit

5 PDF
Upload new image

6

Figure 4.6 Student my information page

Your Information page that you can edit your information from it

1– Your personal information

2– If you want to change your password enter a new password and re right it on the confirm password

3– You must to enter your old password to submit changes

4– Click submit button to save your changes

5– Choose a new picture to be your profile picture

6– Click to upload the new picture and save it

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

first grade student 1

My Subjects

PDF Actions

Subject	Teacher name	First Mark	Second Mark	Third Mark	Final Marks	Parent comments
Arabic	First Grade Arabic Teacher	10/10	15/15	23/25	45/50	gr8 job
English	First Grade English Teacher	10/10	18/20	14/20	38/50	No comments yet
Math	First Grade Math Teacher	10/20	7/15	6/15	25/50	No comments yet

Figure 4.7 Student my marks page

Your marks page that view all your subjects and their marks

- 1- If you have a full mark, then your mark will be green color
- 2- If your mark is up the average, then your mark will be gray color
- 3- If your mark is fail, then your mark will be red color
- 4- Your parent's comment that viewed also to your teacher

Protected by PDF Anti-Copy Free
TEACHER'S SYSTEM
(Upgrade to Pro Version to Remove the Watermark)

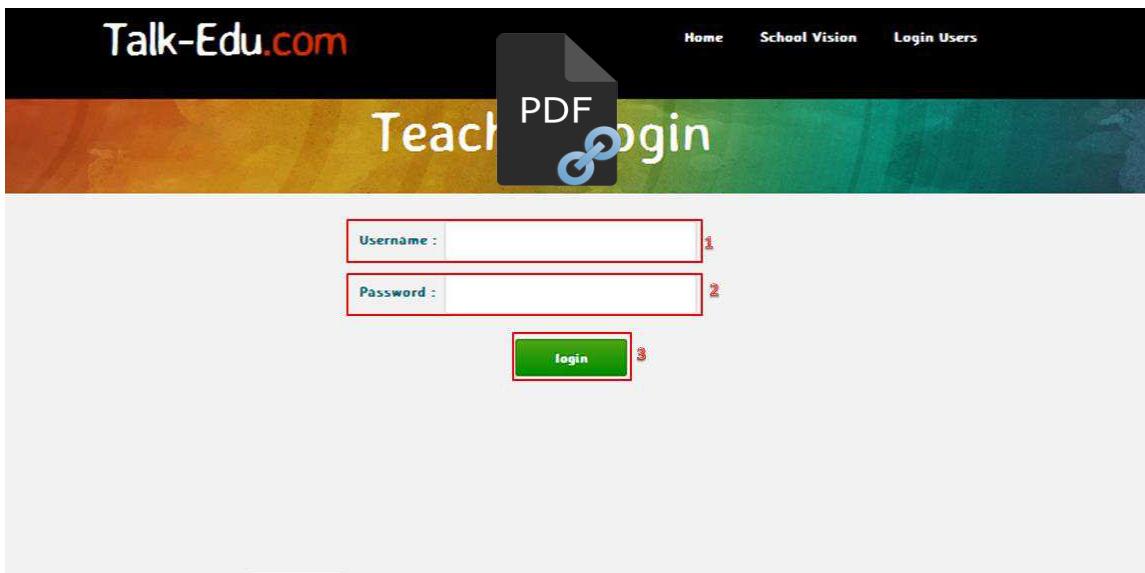


Figure 4.8 Teacher's login page

Your login page, that you have to be registered to the school and website before you login

1– Enter your username here

2– Enter your password here

3– Click login button to check if the your username are correct so that you access

(Be careful to enter more than 3 times wrong username and/or password because the website will block for 3 minutes)

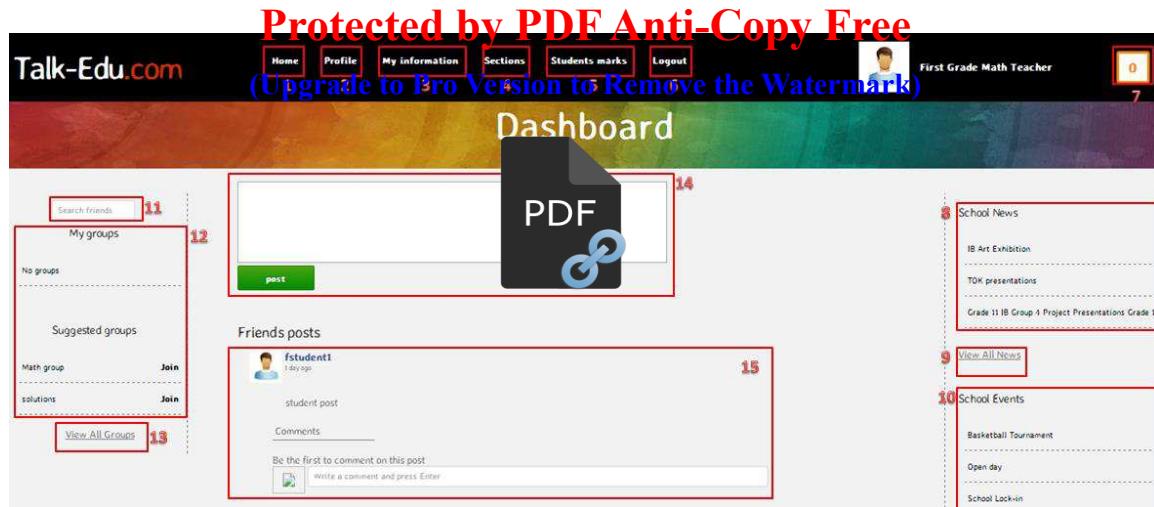


Figure 4.9 Teacher's dashboard page

- 1- Home button to view this page, your friends feeds
- 2- Profile button to view your information and your posts
- 3- My information button that you can edit your information from
- 4- Section button to view all your sections
- 5- Student marks button to update your students marks
- 6- Logout button to exit the website
- 7- Notification button
- 8-The school's news
- 9- To view all news on a new page
- 10-The school's events
- 11- To search your friends profiles
- 12- Groups section that viewed your current groups and suggested groups to join them
- 13- To view all groups on a new page
- 14- A place to post a new post
- 15- Your friend's posts and their comments

Protected by PDF Anti-Copy Free
(Upgrade to Pro Version to Remove the Watermark)

fmathteacher profile

The screenshot shows a teacher's profile page on the Talk-Edu.com platform. The top navigation bar includes links for Home, Profile, My information, Sections, Students marks, and Logout. A watermark for "PDF Anti-Copy Free" is overlaid on the right side of the page. The main content area displays the user's profile picture, name (fmathteacher), email (df@sdf.com), and a post made 3 days ago. The sidebar on the left lists groups the user is part of or suggested groups, and the right sidebar shows school news and events.

Figure 4.10 Teacher's profile page

- 1– Your information
- 2– Your profile picture
- 3– Your posts
- 4– Your post's comments

Protected by PDF Anti-Copy Free



Figure 4.11 Teacher's my information page

Your Information page that you can edit your information from it

- 1- Your personal information
- 2- If you want to change your password enter a new password and re right it on the confirm password
- 3- You must to enter your old password to submit changes
- 4- Click submit button to save your changes
- 5- Choose a new picture to be your profile picture
- 6- Click to upload the new picture and save it

Protected by PDF Anti-Copy Free
 (Upgrade to Pro Version to Remove the Watermark)

Teacher sections

1 Class
First Grade
First Grade

2 Section
A
B

3 View students
View report
View report

PDF

Search friends
My groups
No groups
Suggested groups
Math group Join
solutions Join
View All Groups

First Grade Math Teacher 0

School News
IB Art Exhibition
TOK presentations
Grade 11 IB Group 4 Project Presentations Grade 11
View All News

School Events
Basketball Tournament
Open day
School Lock-in
Summer Camp
View All Events

Figure 4.12 Teacher's section page

- 1– All your classes
- 2– Each class with section you teach
- 3– The subjects that you teach
- 4– A report that view all section's student with their information and their parent's information

Protected by PDF Anti-Copy Free
(Upgrade to Pro Version to Remove the Watermark)

Students Marks




Search friends

My groups

No groups

Suggested groups

Math group

solutions

Join

View All Groups

Home Profile My information Sections Students marks Logout First Grade Math Teacher 0

PDF report Marks report

School News

IB Art Exhibition

TOK presentations

Grade 11 IB Group 4 Project Presentations Grade 11

[View All News](#)

School Events

Basketball Tournament

Open day

School Lock-in

Summer Camp

[View All Events](#)

Figure 4.13 Teacher's student's mark page

- 1– All your classes
- 2– Each class with section you teach
- 3– The subjects that you teach
- 4– Click to view all section's students to update their marks
- 5– A report that view all section's student marks

Protected by PDF Anti-Copy Free
(Upgrade to Pro Version to Remove the Watermark)

Students Marks

1	2	3	4	5	6	7
Student Name	First	second	third	Final	Parent comment	
first grade student 1	10 /20	?	?	?	/50	No comments
first grade student 2	20 /20	15 /15	15 /15	15 /15	/50	No comments
first grade student 3	18 /20	12 /15	12 /15	13 /15	39 /50	No comments
first grade student 4	8 /20	8 /15	8 /15	8 /15	30 /50	No comments
first grade student 5	19 /20	9 /15	9 /15	13 /15	32 /50	No comments
first grade student 6	10 /20	15 /15	15 /15	10 /15	47 /50	No comments
						Update
						Update
						Update
						Update
						Update
						Update

Figure 4.14 Teacher's update marks page

1- All your Students names in this section

2- Their first exam marks

3- Their second exam marks

4- Their third exam marks

5- Their final exam marks

6- Their parent's comments

7- Click if you want to update their marks

Protected by PDF Anti-Copy Free
 PARENT'S SYSTEM
(Upgrade to Pro Version to Remove the Watermark)



Figure 4.15 parent's login page

Your login page that you have to be registered to the school and website before you login

1– Enter your username here

2– Enter your password here

3– Click login button to check if your username and password are correct so that you access the website

(Be careful to enter more than 3 times wrong username and/or password because the website will block for 3 minutes)

4– Click register button to register as a new student to the website

(Before you register you have to take a verification code for you and your kids from the school's administrator)

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)



Figure 4.16 parent registration page

In this page you need to fill your information to register to the system

- 1– Enter your personal information here
- 2– Upload a picture to be your profile picture (Optional)
- 3– Here you have to put your verification code that the school administrator gives it to you
- 4– If you have more than one kid you have to add new verification code to enter
- 5– Click register button to submit your information
- 6– Click cancel button to exit register page

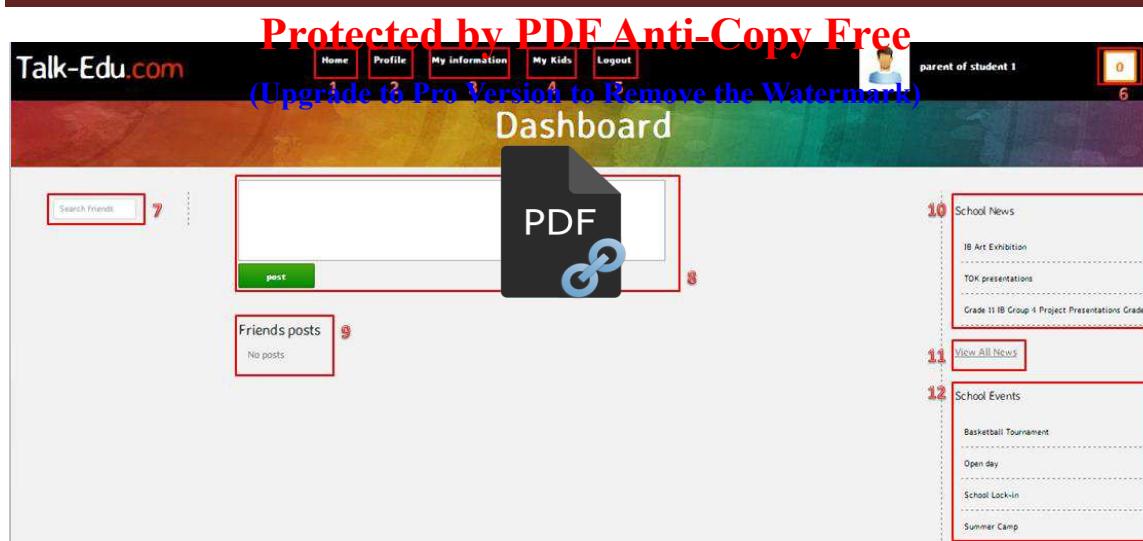


Figure 4.17 parent dashboard page

This is your main page after login or register

- 1- Home button to view this page, your friends feeds
- 2- Profile button to view your information and your posts
- 3- My information button that you can edit your information from
- 4- My kids button to view your kids marks page that uploaded by the teachers
- 5- Logout button to exit the website
- 6- Notification button
- 7- To search your friends profiles
- 8-A place to post a new post
- 9-Your friends' posts and their comments
- 10-The school's news
- 11-To view all news on a new page
- 12-The school's events

Protected by PDF Anti-Copy Free
(Upgrade to Pro Version to Remove the Watermark)

parent2 profile

parent of student 1
aaaa@dddd.com
2014-06-27
mobile is not available

PDF

My posts

parent2
3 hours from now
Hii

Comments

Be the first to comment on this post
Write a comment and press Enter

School News

IB Art Exhibition
TOK presentations
Grade 11 IB Group 4 Project Presentations Grade 11

[View All News](#)

School Events

Basketball Tournament
Open day
School Lock-in
Summer Camp

[View All Events](#)

Figure 4.18 parent profile page

- 1- Your information
- 2- Your profile picture
- 3- Your posts
- 4- Your post's comments

Protected by PDF Anti-Copy Free
(Upgrade to Pro Version to Remove the Watermark)

My Information

The page shows a user profile with the following information:

Username	parent2
full name	parent of student 1
email	aaaa@dddc.com
mobile number	
birthdate	06/27/2014
new password	
confirm password	
old password	

Below the form are two sections: "Choose file" and "Upload new image".

On the right side, there are two columns: "School News" and "School Events".

Figure 4.19 parent's my information page

Your Information page that you can edit your information from it

1– Your personal information

2– If you want to change your password enter a new password and re right it on the confirm password

3– You must to enter your old password to submit changes

4– Click submit button to save your changes

5– Choose a new picture to be your profile picture

6– Click to upload the new picture and save it

Protected by PDF Anti-Copy Free
 (Upgrade to Pro Version to Remove the Watermark)

My Kids Marks

1 PDF 2 view 3 Display report

Search friends

Name	Class
first grade student 2	First

parent of student 1 0

School News:

- IB Art Exhibition
- TOK presentations
- Grade 11 IB Group 4 Project Presentations Grade 11

[View All News](#)

School Events:

- Basketball Tournament
- Open day
- School Lock-in
- Summer Camp

Figure 4.20 parent kids page

- 1– Your kids information
- 2– Click view button to view your kid's marks
- 3– Your Kid's marks report so that you can print it out

Protected by PDF Anti-Copy Free
(Upgrade to Pro Version to Remove the Watermark)

first grade student 2's Marks

1 Subject	2 Teacher name	First Mark	Second	Final Mark	Contact teacher	my Notes
Arabic	First Grade Arabic Teacher	3 7/10	4 7/15	17/25	34/50	asdf@sdf.com
English	First Grade English Teacher	8/10	14/20	19/20	44/50	asdf@sdf.com

PDF
∞

6
Save
7

6
Save
7

Figure 4.21 parent kid's marks page

1- Your kid's subjects

2- The teacher name

3-If your kid's mark is up the average, then the mark will be gray color

4-If you kid have a full mark, then the mark will be green color, if fail, the mark will be red color

5-The teacher e-mail to contact him directly

6-You can place your comment here, it will be viewed to your kid and his teacher

7-Click to post

Protected by PDF Anti-Copy Free

4.2 Project Reports

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

First Grade Math Teacher					
Student name	Birthday	Mobile	Email	Parent name	Parent mobile
first grade student 1	2014-06-27	Not specified	nooody92@hotmail.com nada's parent		Not specified
first grade student 2	2014-06-01	Not specified	asd@ghjk.com	parent of student 1	Not specified
first grade student 3	2014-06-06	Not specified	asd@asd.com	parent of student 3	Not specified
first grade student4	2014-07-05	Not specified	aqs@jhg.com	parent of student 4	Not specified
first grade student5	2014-06-13	Not specified	asd@hgf.com	parent of student 5	Not specified
first grade student 6	2014-06-11	Not specified	asd@asd.com	parent of student 6	Not specified

1 / 1

Figure 4.22 student's information report

Name	First	Second	Third	Final	Grade
first grade student 1	10	7	6	25	48
first grade student 2	20	15	15	44	94
first grade student 3	18	12	13	39	82
first grade student4	8	8	8	30	54
first grade student5	19	9	13	32	73
first grade student 6	10	15	10	47	82

1 / 1

Figure 4.23 Section's marks report

Protected by PDF Anti-Copy Free

first grade student 1's marks report
First Grade([Upgrade to Pro Version to Remove the Watermark](#))

Subject	Teacher	First	Second	Third	Final	Total
Arabic	First Grade Arabic Teacher	10/10		23/25	45/50	93
English	First Grade English Teacher	10/10		14/20	38/50	80
Math	First Grade Math Teacher	10/20	7/15	6/15	25/50	48

1/1

Figure 4.24 Student's marks report

4.3 Project Testing

Unit testing is a method by which individual units of source code, sets of one or more computer program modules together with associated control data, usage procedures, and operating procedures, are tested to determine if they are fit for use. Intuitively, one can view a unit as the smallest testable part of an application. In procedural programming a unit could be an entire module but is more commonly an individual function or procedure. In object-oriented programming a unit is often an entire interface, such as a class, but could be an individual method. Unit tests are created by programmers or occasionally by white box testers during the development process.

Ideally, each test case is independent from the others: substitutes like method stubs, mock objects, fakes and test harnesses can be used to assist testing a module in isolation. Unit tests are typically written and run by software developers to ensure that code meets its design and behaves as intended. Its implementation can vary from being very manual (pencil and paper) [citation needed] to being formalized as part of build automation.

Protected by PDF Anti-Copy Free

The goal of unit testing is to isolate each part of the program and show that the individual parts are correct. A unit test provides a strict, written contract that the piece of code must satisfy. As a result, it affords several benefits.

1-Find problems early



2-Facilitates change

3-Simplifies integration

4-Documentation

5- Design

4.3.1 Unit testing limitations

Testing will not catch every error in the program, since it cannot evaluate every execution path in any but the most trivial programs. The same is true for unit testing. Additionally, unit testing by definition only tests the functionality of the units themselves. Therefore, it will not catch integration errors or broader system-level errors (such as functions performed across multiple units, or non-functional test areas such as performance). Unit testing should be done in conjunction with other software testing activities, as they can only show the presence or absence of particular errors; they cannot prove a complete absence of errors. In order to guarantee correct behavior for every execution path and every possible input, and ensure the absence of errors, other techniques are required, namely the application of formal methods to proving that a software component has no unexpected behavior.

4.3.2 Integration Testing

The function use case description in Login account.

1. It has two fields: ID & Password.

2. ID has to be valid user ID (numeric) and password has to be matched with a stored one.

Protected by PDF Anti-Copy Free

3. User can click on Cancel if wants to discontinue. Upon clicking on cancel the application closes. [\(Upgrade to Pro Version to Remove the Watermark\)](#)

4. Upon successful login, user gains access of system.

5. Upon 3 consecutive unsuccessful attempts the User gets blocked, user gets appropriate message



6. After entering ID & Password, Submit button gets enabled.

Positive Scenarios:

1. Enter the website

Negative Scenarios:

1. ID is wrong, Password is correct.

2. ID & Password both is wrong.

Protected by PDF Anti-Copy Free

4.3.3 Developer testing
(Upgrade to Pro Version to Remove the Watermark)

Cases	Expected	Real	Pass/fail	Remark
Open the project in Firefox browser	The project should normally	 The project normally opened	Pass	—
Enter the username and the password wrong	The website should give a warning messages “the username/password is invalid	The website give the warning messages	Pass	—
Enter wrong username and correct password	The website should give a warning messages “the username/password is invalid	The website give the warning messages	Pass	—
Enter wrong password and correct username	The website should give a warning messages “the username/password is invalid	The website give the warning messages	Pass	—
Enter 3 time wrong username and password	Block the website for 3 mint and give warning messages “login is blocked after 3 failed login try after 3 mints	The website give the warning messages	Pass	—
Enter correct username and password	The system should display the homepage	The system actually display the homepage	Pass	—

Table 4.1 Student_login page testing

Protected by PDF Anti-Copy Free

cases	Expected (Upgrade to Pro Version to Remove the Watermark)	Real	Pass/fail	Remark
Open the project in Firefox browser	The project should open normally	The project normally opened	Pass	—
Enter the username and the password wrong	The website should give a warning messages “the username/password is in valid	 The website give a warning messages	Pass	—
Enter wrong username and correct password	The website should give a warning messages “the username/password is in valid	The website give the warning messages	Pass	—
Enter wrong password and correct username	The website should give a warning messages “the username/password is in valid	The website give the warning messages	Pass	—
Enter 3 time wrong username and password	Block the website for 3 mint and give warning messages “login is blocked after 3 failed login try after 3 mints	The website give the warning messages	Pass	—
Enter correct username and password	The system should display the homepage	The system actually display the homepage	Pass	—

Table 4.2 parents_login page testing

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

cases	Expected	Real	Pass/fail	Remark
Open the project in Firefox browser	The project should open normally	The project normally opened	pass	—
Enter the username and the password wrong	The website should give a warning messages “the username/password is invalid”	The website give a warning messages “the username/password is invalid”	pass	—
Enter wrong username and correct password	The website should give a warning messages “the username/password is invalid”	The website give the warning messages	pass	—
Enter wrong password and correct username	The website should give a warning messages “the username/password is invalid”	The website give the warning messages	pass	—
Enter 3 time wrong username and password	Block the website for 3 mint and give warning messages “login is blocked after 3 failed login try after 3 mints”	The website give the warning messages	pass	—
Enter correct username and password	The system should display the homepage	The system actually display the homepage	pass	—

Table 4.3 teacher_login page testing

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

cases	Expected	Real	Pass/fail	Remark
Input all data except the first name	The page should viewed a warning messages “first name is required” 	The system actually viewed the warning messages	Pass	—
Input all data except the last name	The page should viewed a warning messages “last name is required” 	The system actually viewed the warning messages	Pass	—
Input all data unless email	The page should viewed a warning messages “email is required”	The system actually viewed the warning messages “email is not valid format”	failed	✓
Enter the email without @ sign	The page should give a warning messages “not valid format”	The page give the warning messages	Pass	—
Enter the email without . sign	The page should give a warning messages “not valid format”	The page give the warning messages	Pass	—
Input all data except the username	The page should viewed a warning messages “username is required”	The system actually viewed the warning messages	Pass	—
enter username already exist	The page should viewed a warning messages “the username is already exist”	The system actually viewed the warning messages	Pass	—
Input all data except the password	The page should viewed a warning messages “password is required”	The system actually viewed the warning messages	Pass	—
Enter password less than 8 character	The page should give a warning messages “the password must be more than 8 character”	The website give the warning messages	Pass	—
Enter all data except the birthdates	The page should give a warning messages “the birthdates is required”	The website give the warning messages	Pass	—
Enter all data except verification code	The page should give a warning messages “the verification code is required”	The website give the warning messages	Pass	—
Enter wrong verification code	The page should give a warning messages “the verification code is in valid”	The website give the warning messages	Pass	—
Enter all required data	The system should display the homepage	The system actually display the homepage	Pass	—

Table 4.4 student register page testing

Protected by PDF Anti-Copy Free

cases	Expected (Upgrade to Pro Version to Remove the Watermark)	Real	Pass/fail	Remark
Input all data except the first name	The page should viewed a warning messages “first name is required” 	The system actually viewed the warning messages	Pass	—
Input all data except the last name	The page should viewed a warning messages “last name is required” 	The system actually viewed the warning messages	Pass	—
Input all data unless email	The page should viewed a warning messages “email is required”	The system actually viewed the warning messages “email is not valid format”	failed	✓
Enter the email without @ sign	The page should give a warning messages “not valid format”	The page give the warning messages	Pass	—
Enter the email without . sign	The page should give a warning messages “not valid format”	The page give the warning messages	Pass	—
Input all data except the username	The page should viewed a warning messages “username is required”	The system actually viewed the warning messages	Pass	—
enter username already exist	The page should viewed a warning messages “the username is already exist”	The system actually viewed the warning messages	Pass	—
Input all data except the password	The page should viewed a warning messages “password is required”	The system actually viewed the warning messages	Pass	—
Enter password less than 8 character	The page should give a warning messages “the password must be more than 8 character”	The website give the warning messages	Pass	—
Enter all data except the birthdates	The page should give a warning messages “the birthdates is required”	The website give the warning messages	Pass	—
Enter all data except verification code	The page should give a warning messages “the verification code is required”	The website give the warning messages	Pass	—
Enter wrong verification code	The page should give a warning messages “the verification code is in valid”	The website give the warning messages	Pass	—
Enter all required data	The system should display the homepage	The system actually display the homepage	Pass	—

Table 4.5 parents register page testing

Protected by PDF Anti-Copy Free

cases	Expected (Upgrade to Pro Version to Remove the Watermark)	Real	Pass/fail	Remark
Input all data except the first name	The page should viewed a warning messages “first name is required” 	The system actually viewed the warning messages	Pass	—
Input all data except the last name	The page should viewed a warning messages “last name is required” 	The system actually viewed the warning messages	Pass	—
Input all data unless email	The page should viewed a warning messages “email is required”	The system actually viewed the warning messages “email is not valid format”	Failed	✓
Enter the email without @ sign	The page should give a warning messages “not valid format”	The page give the warning messages	Pass	—
Enter the email without . sign	The page should give a warning messages “not valid format”	The page give the warning messages	Pass	—
Input all data except the username	The page should viewed a warning messages “username is required”	The system actually viewed the warning messages	Pass	—
enter username already exist	The page should viewed a warning messages “the username is already exist”	The system actually viewed the warning messages	Pass	—
Input all data except the password	The page should viewed a warning messages “password is required”	The system actually viewed the warning messages	Pass	—
Enter password less than 8 character	The page should give a warning messages “the password must be more than 8 character”	The website give the warning messages	Pass	—
Enter all data except the birthdates	The page should give a warning messages “the birthdates is required”	The website give the warning messages	Pass	—
Enter all data except verification code	The page should give a warning messages “the verification code is required”	The website give the warning messages	Pass	—
Enter wrong verification code	The page should give a warning messages “the verification code is in valid”	The website give the warning messages	Pass	—
Enter all required data	The system should display the homepage	The system actually display the homepage	Pass	—

Table 4.6 teachers register page testing

Protected by PDF Anti-Copy Free

cases	Expected	Real	Pass/failed	remark
There is a textbox that the user can post from	The post viewed to the friends feeds	The post is actually viewed to the friends	Pass	—
Textbox in the post to write a comment from it	The comment should be viewed with post	The comment should be viewed with post	Pass	—
Somebody comment in my post	When a comment wrote in my post it should be viewed in a notification	The notification are viewed	Pass	—

Table 4.7 student's Dashboard page testing

cases	Expected	Real	Pass/failed	remark
There is a textbox that the user can post from	The post viewed to the friends feeds	The post is actually viewed to the friends	Pass	—
Textbox in the post to write a comment from it	The comment should be viewed with post	The comment should be viewed with post	Pass	—
Somebody comment in my post	When a comment wrote in my post it should be viewed in a notification	The notification are viewed	Pass	—

Table 4.8 parent's Dashboard page testing

cases	Expected	Real	Pass/failed	remark
There is a textbox that the user can post from	The post viewed to the friends feeds	The post is actually viewed to the friends	Pass	—
Textbox in the post to write a comment from it	The comment should be viewed with post	The comment should be viewed with post	Pass	—
Somebody comment in my post	When a comment wrote in my post it should be viewed in a notification	The notification are viewed	Pass	—

Table 4.9 teacher's Dashboard page testing

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

cases	Expected	Real	Pass/fail	Remark
Input all data except the first name	The page should viewed a warning messages "first name is required"	The system actually viewed the warning messages	Pass	—
Input all data unless email	The page should viewed a warning messages "email is required"	The system actually viewed the warning messages "email is not valid format"	failed	✓
Enter the email without @ sign	The page should give a warning messages "not valid format"	The page give the warning messages	Pass	—
Input all data except the username	The page should viewed a warning messages "username is required"	The system actually viewed the warning messages	Pass	—
enter username already exist	The page should viewed a warning messages "the username is already exist"	The system actually viewed the warning messages	Pass	—
Input all data except the password	The page should viewed a warning messages "password is required"	The system actually viewed the warning messages	Pass	—
Enter password less than 8 character	The page should give a warning messages "the password must be more than 8 character"	The website give the warning messages	pass	—
Enter all data except the birthdates	The page should give a warning messages "the birthdates is required"	The website give the warning messages	pass	—
Enter all data except verification code	The page should give a warning messages "the verification code is required"	The website give the warning messages	pass	—
Enter wrong verification code	The page should give a warning messages "the verification code is invalid"	The website give the warning messages	pass	—
Enter all required data	The system should display the homepage	The system actually display the homepage	pass	—
Enter new password without confirm	New password and confirm should be match	New password and confirm should be match	pass	—
Enter confirm with wrong values	New password and confirm should be match	New password and confirm should be match	pass	—

Table 4.10 student's my information page testing

Protected by PDF Anti-Copy Free

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

cases	Expected	Real	Pass/fail	Remark
Input all data except the first name	The page should viewed a warning messages "first name is required"	The system actually viewed the warning messages	Pass	—
Input all data unless email	The page should viewed a warning messages "email is required"	The system actually viewed the warning messages "email is not valid format"	failed	✓
Enter the email without @ sign	The page should give a warning messages "not valid format"	The page give the warning messages	Pass	—
Input all data except the username	The page should viewed a warning messages "username is required"	The system actually viewed the warning messages	Pass	—
enter username already exist	The page should viewed a warning messages "the username is already exist"	The system actually viewed the warning messages	Pass	—
Input all data except the password	The page should viewed a warning messages "password is required"	The system actually viewed the warning messages	Pass	—
Enter password less than 8 character	The page should give a warning messages "the password must be more than 8 character"	The website give the warning messages	pass	—
Enter all data except the birthdates	The page should give a warning messages "the birthdates is required"	The website give the warning messages	pass	—
Enter all data except verification code	The page should give a warning messages "the verification code is required"	The website give the warning messages	pass	—
Enter wrong verification code	The page should give a warning messages "the verification code is invalid"	The website give the warning messages	pass	—
Enter all required data	The system should display the homepage	The system actually display the homepage	pass	—
Enter new password without confirm	New password and confirm should be match	New password and confirm should be match	pass	—
Enter confirm with wrong values	New password and confirm should be match	New password and confirm should be match	pass	—

Table 4.11 parent's my information page testing

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

cases	Expected	Real	Pass/fail	Remark
Input all data except the first name	The page should viewed a warning messages "first name is required"	The system actually viewed the warning messages	Pass	—
Input all data unless email	The page should viewed a warning messages "email is required"	The system actually viewed the warning messages "email is not valid format"	failed	✓
Enter the email without @ sign	The page should give a warning messages "not valid format"	The page give the warning messages	Pass	—
Input all data except the username	The page should viewed a warning messages "username is required"	The system actually viewed the warning messages	Pass	—
enter username already exist	The page should viewed a warning messages "the username is already exist"	The system actually viewed the warning messages	Pass	—
Input all data except the password	The page should viewed a warning messages "password is required"	The system actually viewed the warning messages	Pass	—
Enter password less than 8 character	The page should give a warning messages "the password must be more than 8 character"	The website give the warning messages	pass	—
Enter all data except the birthdates	The page should give a warning messages "the birthdates is required"	The website give the warning messages	pass	—
Enter all data except verification code	The page should give a warning messages "the verification code is required"	The website give the warning messages	pass	—
Enter wrong verification code	The page should give a warning messages "the verification code is invalid"	The website give the warning messages	pass	—
Enter all required data	The system should display the homepage	The system actually display the homepage	pass	—
Enter new password without confirm	New password and confirm should be match	New password and confirm should be match	pass	—
Enter confirm with wrong values	New password and confirm should be match	New password and confirm should be match	pass	—

Table 4.12 teacher's my information page testing

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

cases	Expected	Real	Pass/fail	Remark
Enter a marks higher than the average	The system should give warning messages "the mark must be less than 15 and more than 0"	The system give the warning messages	pass	—
Enter character instead of number	The system should give a warning messages "the mark must be a messages"	The system give the warning messages	pass	—
Click update button	The system should save the new values on database and send it to the student page	The system save the new values on database and send it to the student page	pass	—

Table 4.13 students mark page testing

cases	Expected	real	Pass/failed	remark
There is a textbox that the user can post from	The post viewed to the friends feeds	The post is actually viewed to the friends	Pass	—
Textbox in the post to write a comment from it	The comment should be viewed with post	The comment should be viewed with post	pass	—
Somebody comment in my post	When a comment wrote in my post it should be viewed in a notification	The notification are viewed	pass	—

Table 4.14 groups page testing

Protected by PDF Anti-Copy Free

5.1 Talk-Edu System Fishbone Diagram

[\(Upgrade to Pro Version to Remove the Watermark\)](#)

A fishbone diagram, also called a cause-and-effect diagram or Ishikawa diagram, is a visualization tool for categorizing the potential causes of a problem in order to identify its root causes.^[17]

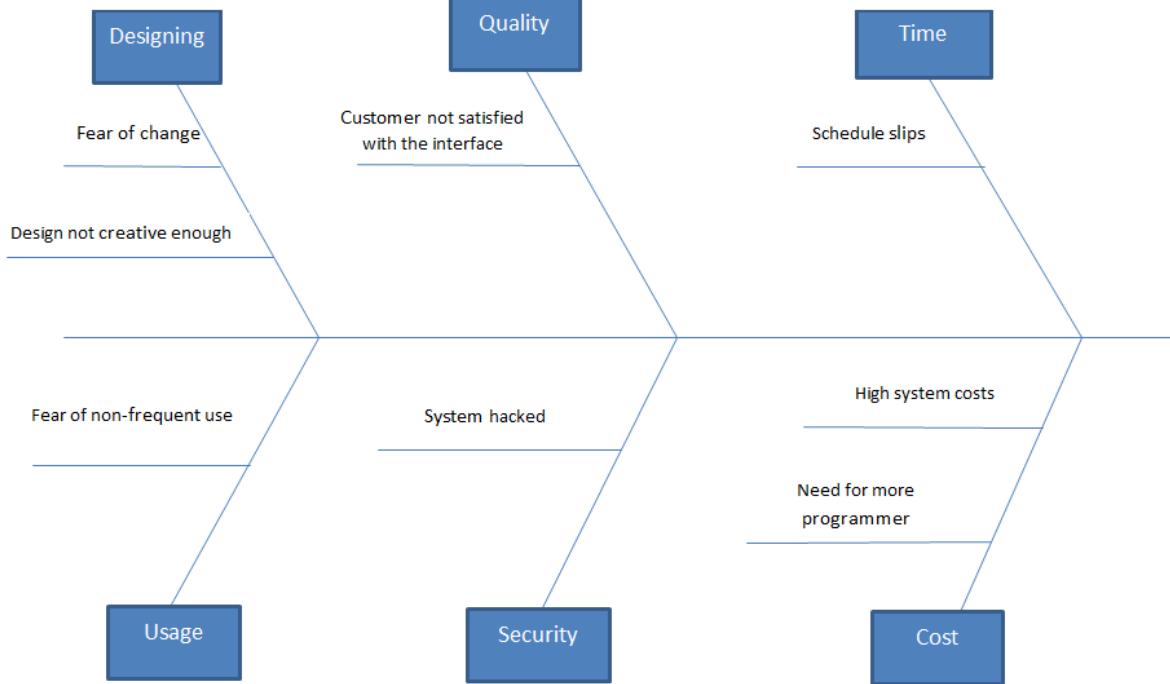


Figure 5.1 Talk-Edu fishbone diagram

5.2 Summary

After building this website we'd like to enter it under users testing so we let a group of student to use it and their feedback was positive about the website , they like to use it and they loved the idea of it , and a group of teachers also try it , and they think that it's very useful for them to connect with the student out of the class area and their parents any time, and the parents said that's it's a very nice idea to let them lookut their kid's activities and grades , and they think that it's easy to connect with tier kid's teachers anytime and anywhere.

Protected by PDF Anti-Copy Free

([Upgrade to Pro Version to Remove the Watermark](#))

5.3 Future Studies:



- Private message: the users can send messages to each other's.
- The website will be transferred to an application on the smart phone so that the user will access it more easily.
- Electronic payment system for the school's premiums.

Protected by PDF Anti-Copy Free
References [**\(Upgrade to Pro Version to Remove the Watermark\)**](#)

- [1] Justis, R. T. & Kreigsmann, B. (1991). The feasibility study as a tool for venture analysis. *Business Journal of Small Business Management* 17 (1) 35-42
- [2] <http://www.businessdictionary.com/definition/economic-feasibility.html#ixzz32pcnPJH6>
- [3] http://www.microsoftstore.com/store?Action=DisplayPage&Locale=ar_EG&SiteID=msmea&id=ThreePgCheckoutShoppingCartPage&WT.intid1=ODC_EN001_FX103791368_XT102851023
- [4] http://www.microsoft.com/office/buy/?WT.mc_id=ODC_ENUS_OATProdHome_MonBuy
- [5] <http://www.smartdraw.com/buy/>
- [6] <http://www.ask.com/question/operational-feasibility>
- [7] <http://searchcio.techtarget.com/definition/business-process-reengineering>
- [8] <http://www.businessdictionary.com/definition/questionnaire.html>
- [9] <http://dataflowdiagram.blogspot.com/2009/10/what-is-dfd-or-what-is-data-flow.html>
- [10] <http://www.breezetreecom/articles/what-is-a-flow-chart.htm>
- [11] ""What is Structured English", Wisegeek.com, retrieved 23 April 2014
- [12] <http://searchsoftwarequality.techtarget.com/definition/use-case>
- [13] [http://www.databasecompare.com/What-is-data-database-\(DB\)-DBMS-and-DBS.html](http://www.databasecompare.com/What-is-data-database-(DB)-DBMS-and-DBS.html)
- [14] <http://www.techopedia.com/definition/28636/process-specification>
- [15] http://www.databaseanswers.org/data_migration/crud_matrix.htm
- [16] <http://www.toolingu.com/definition-450280-39961-user-manual.html>
- [17] <http://whatis.techtarget.com/definition/fishbone-diagram>

Protected by PDF Anti-Copy Free

[18]<http://www.homeandlearn.co.uk/php/php1p1.html>
(Upgrade to Pro Version to Remove the Watermark)

[19] http://php.about.com/od/phpbasics/p/php_reasons.html.

[20] <http://webdesign.tutsplus.com/a-beginners-guide-to-wireframing-webdesign-7399>



Protected by PDF Anti-Copy Free

Appendix (Upgrade to Pro Version to Remove the Watermark)

Survey Questionnaire

The University of Jordan /Talk-Edu we



Cambridge High School survey

Talk-Edu is a social network web site that helps the student, teacher, and parents to interact with each other's throw the web site, share educational materials, and comment on it, for the student he can access his marks that posted by the teacher that no one can access them accept his parent. The parent can remotely monitor his kid's activities at the school, everyone knows the school's events date from the website, and also from the website the user can enter a closed group to share educational materials in a specific subject.

Please answer the following questions completely:

My position is:

- Teacher.
- Student.
- Parent.

If you are a **teacher**, please give your personal opinion: treat each statement separately, and do not feel guided by prior statements, put a cross in one box on each line:

Statements	Strongly Agree	Agree	Natural	Disagree	Strongly Disagree
1- Do you agree to communicate with student and parents on a website?	<input type="checkbox"/>				
2- Do you ever have a way to share materials to the students on the internet?	<input type="checkbox"/>				
3- Do you agree to upload student marks on a website to be accessed by the students and their parents?	<input type="checkbox"/>				
4- Do you think that it is easily to share educational materials to the student on the internet?	<input type="checkbox"/>				
5- Do you think that the website will let the parents to follow up their kid's activities at school?	<input type="checkbox"/>				

Protected by PDF Anti-Copy Free

If you are a **student**, please give your personal opinion: treat each statement separately, and do not feel guided by prior statements, put a cross in one box on each line:

Statements	Strongly Agree	Agree	Natural	Disagree	Strongly Disagree
1- Do you agree to have a way to communicate with your colleagues and teachers any time on the internet?	<input type="checkbox"/>				
2- Do you agree to access your marks online?	<input type="checkbox"/>				
3- Do you think that the website will make it easily to you to have your homework online?	<input type="checkbox"/>				
4- Do you think that the website will give you more educational value?	<input type="checkbox"/>				
5- Do you agree with using our website?	<input type="checkbox"/>				

If you are **parents**, please give your personal opinion: treat each statement separately, and do not feel guided by prior statements, put a cross in one box on each line:

Statements	Strongly Agree	Agree	Natural	Disagree	Strongly Disagree
1- Do you think that the website will helps you to know more about your kid's activity?	<input type="checkbox"/>				
2- Do you trust the marks that applauded in the website?	<input type="checkbox"/>				
3- Do you think that the website will give you the full information as an alternative of visiting the school?	<input type="checkbox"/>				
4- Do you think that your kids in the school will agree that all their activities on the site will be monitor by you?	<input type="checkbox"/>				

Protected by PDF Anti-Copy Free

Talk-Edu Wireframe

(Upgrade to Pro Version to Remove the Watermark)

It's like an architectural blueprint; you need to see it in two-dimensional black and white diagrams before you understand how to build the actual house. Similarly for a screen design, you can't start building layers in Photoshop, or writing blocks of code, without knowing where the information is going to go. [20]

Talk-Edu first design was like this

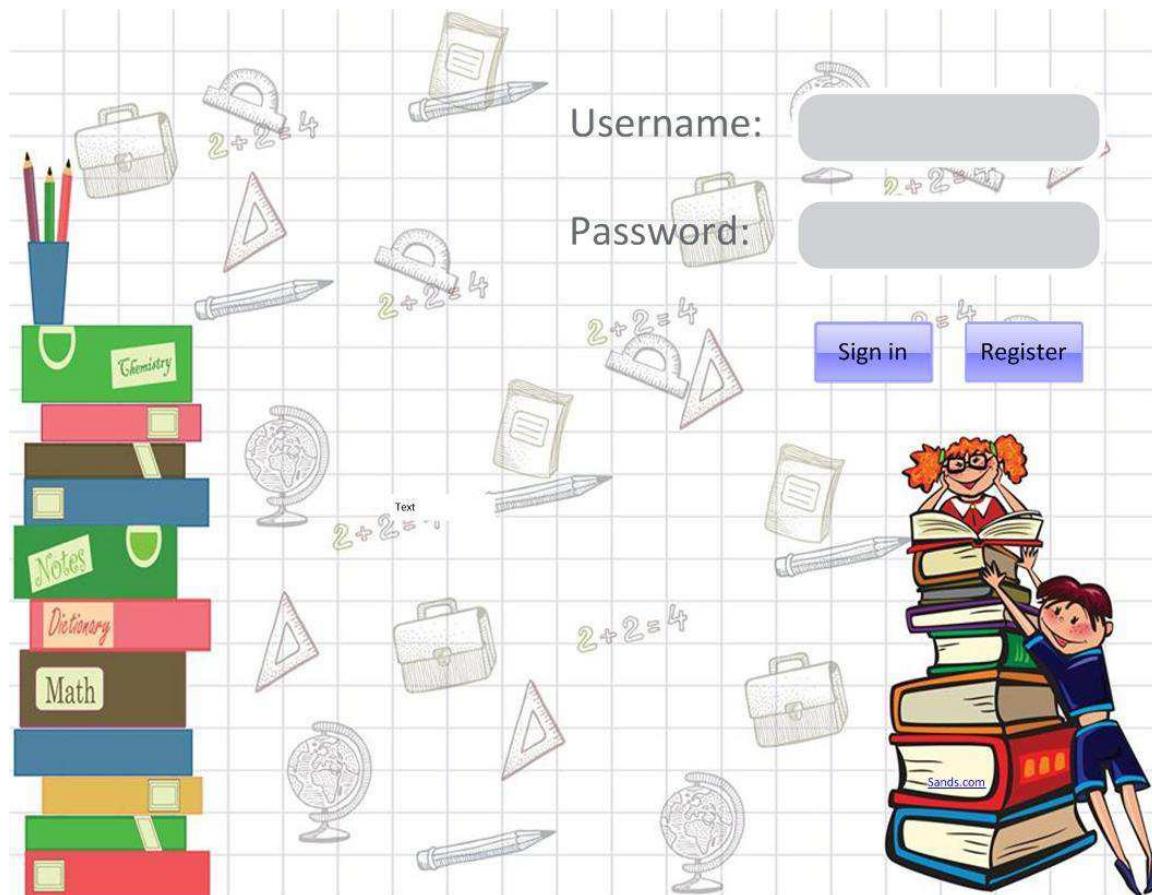


Figure A1 Talk-Edu first login page

Protected by PDF Anti-Copy Free

[Upgrade to Pro Version to Remove the Watermark](#)



Figure A2 Talk-Edu first registration page

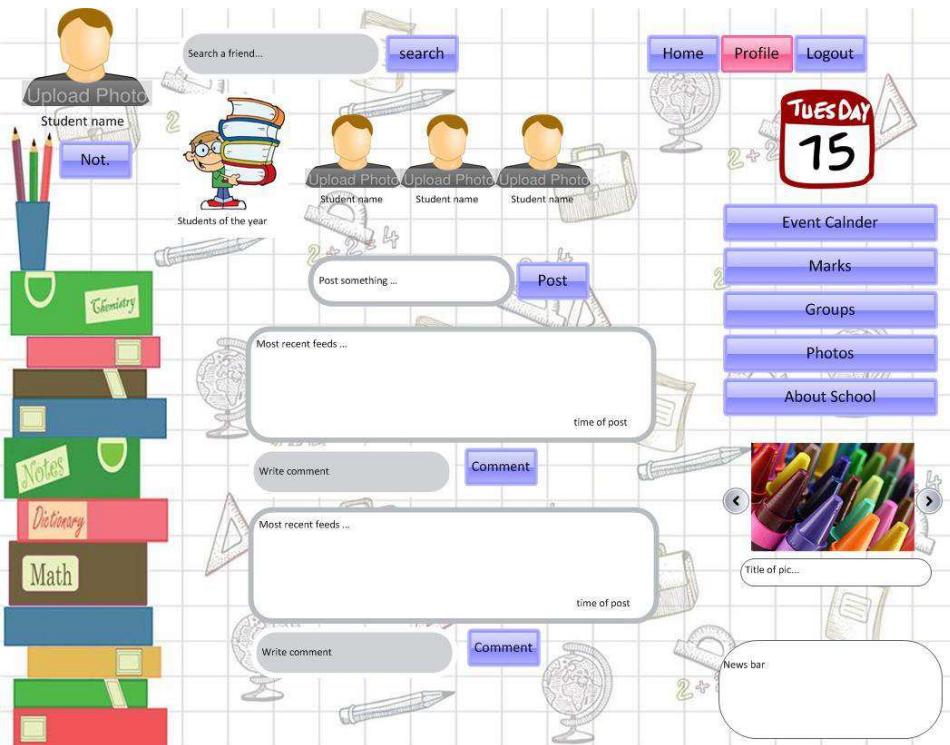


Figure A3 Talk-Edu first home page

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

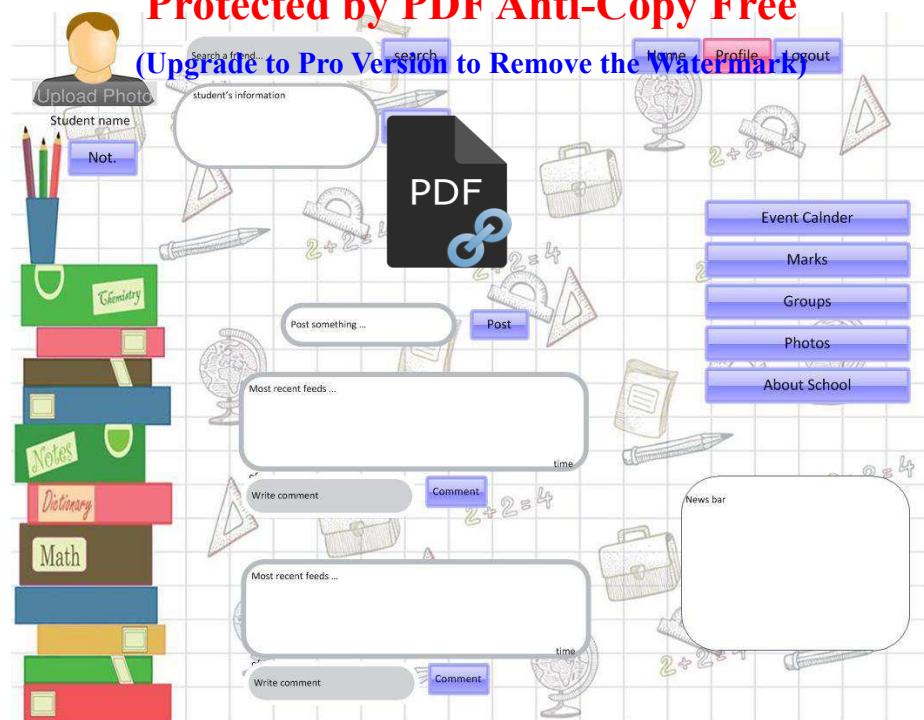


Figure A4 Talk-Edu first profile page

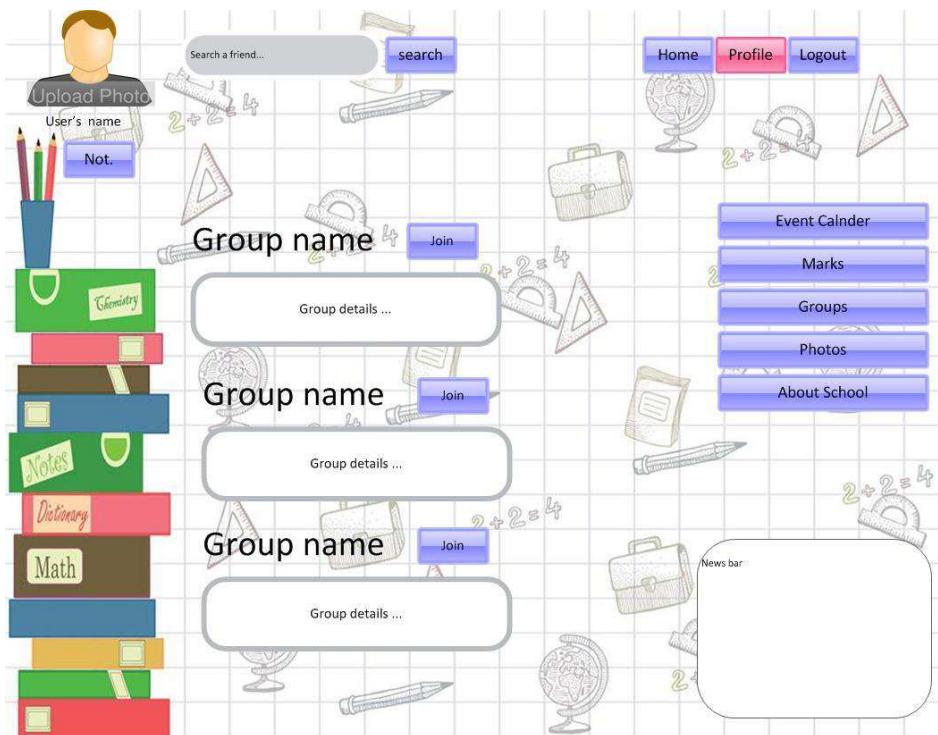


Figure A5 Talk-Edu first group page

Protected by PDF Anti-Copy Free

(Upgrade to Pro Version to Remove the Watermark)

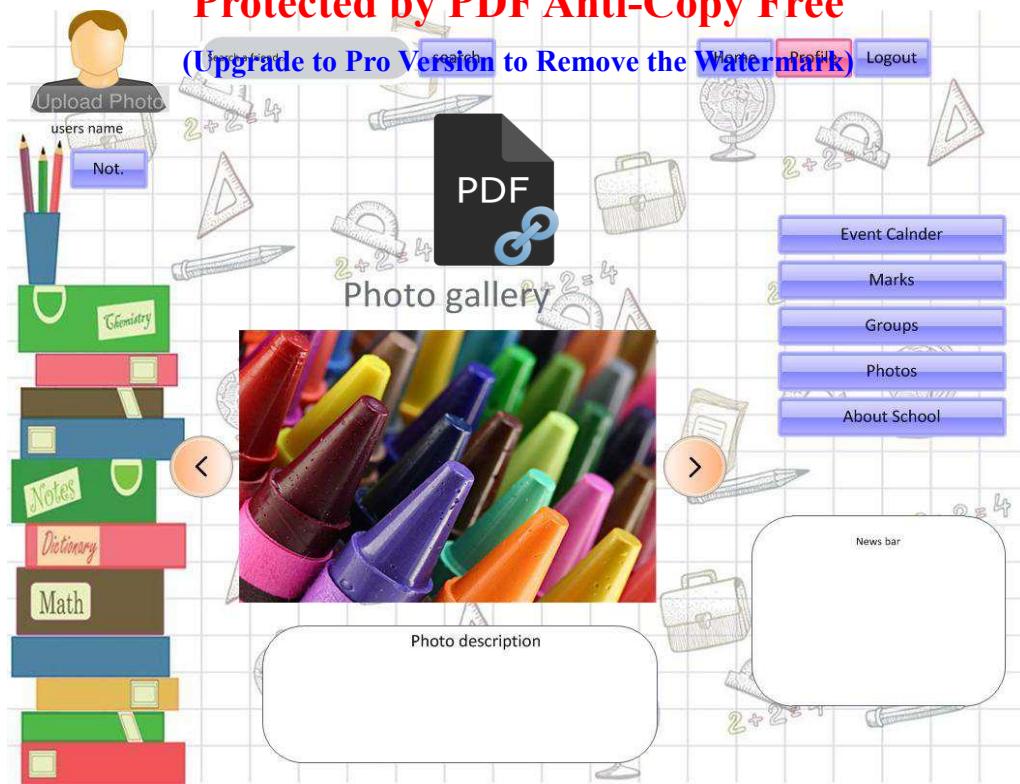


Figure A6 Talk-Edu first photo gallery page

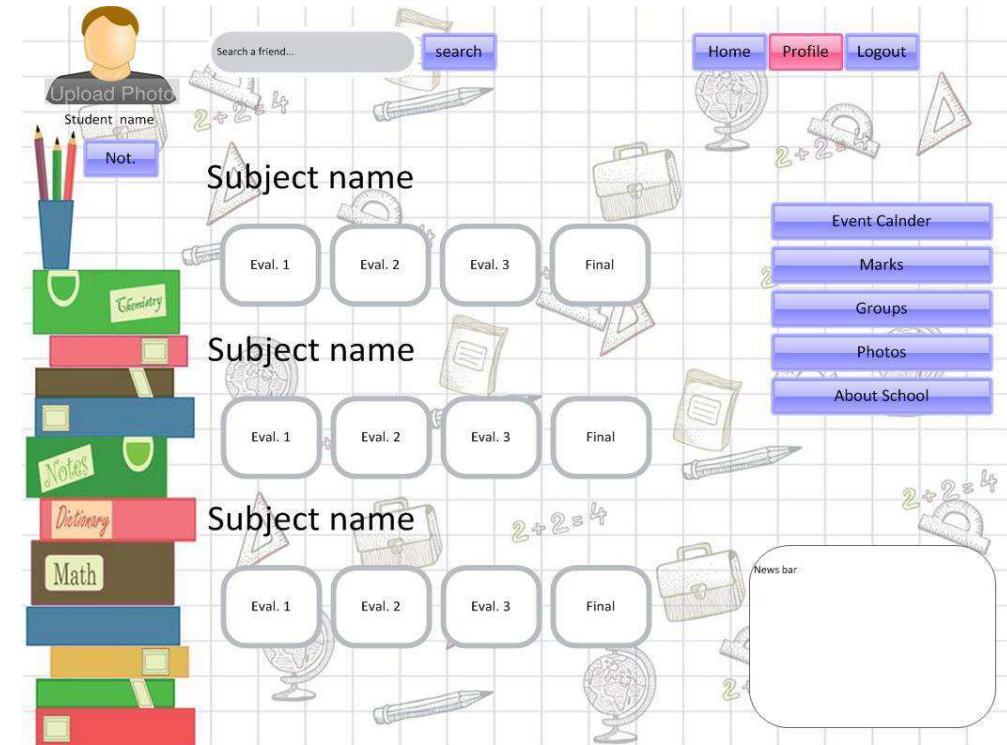


Figure A7 Talk-Edu first marks page