User Documentation

Version 1.0

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Diary Management System

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1.0. Introduction

1.1. Purpose

Diary Manager is a simple application designed to take important notes for important upcoming events and for your past records. In this project, you can simply add your notes and leave it for future reminders. We have developed this app as open source to make it available for your assignment/projects.

1.2. Scope of Project

This product helps the user to set reminders, keep a track of things that he pre-plans and even set his goals. A digital diary also reduces the need to carry a physical diary around and one can write whenever they feel like and the data uploaded can also be reviewed by your mentor/guide for assessment purposes.

1.3. Glossary

Term	Definition
Admin	A User who can add users, upload files and enter marks.
Student	A sub User who can enter data upload files and view marks
Guide	A sub User who can upload file, comment, enter marks

1.4. Overview of Document

The next chapter, the Overall Description section, of this document gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter. The third chapter, Requirements Specification section, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product.

Both sections of the document describe the same software product in its entirety, but are intended for different audiences and thus use different language.

2.0. Overall Description

2.1. System Environment

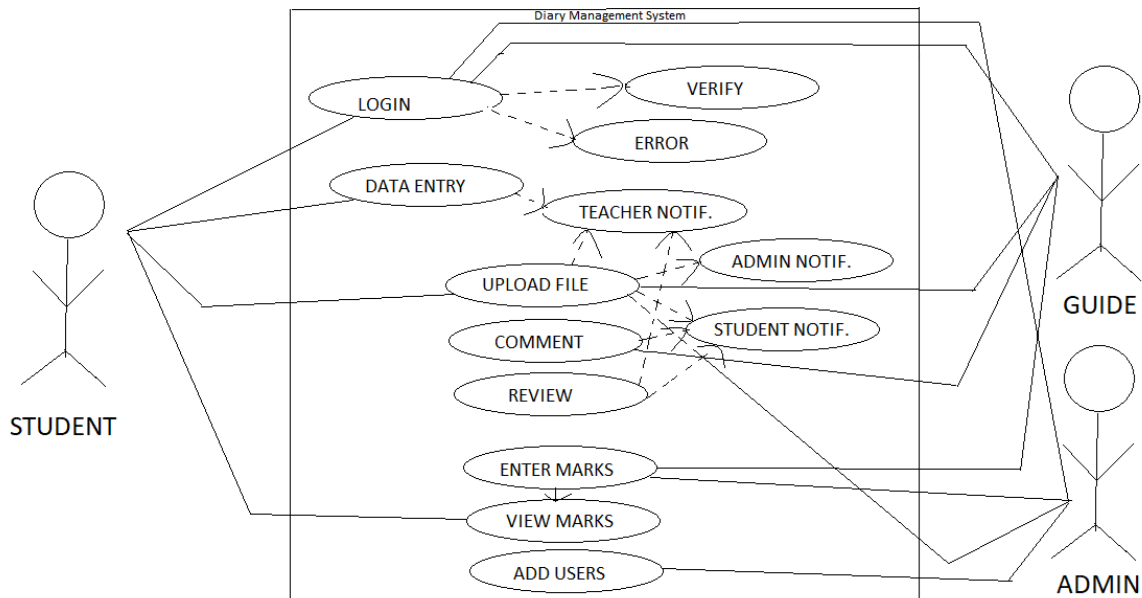**Figure 1 - System Environment**

The Dairy Management App has three main active Actors. The Student, Guide and the Admin. The Student basically logs into the application and uploads a file about his weekly activity on his particular project at the end of each week the Guide can log into the application and review this file uploaded by the student and comment or enter marks on the same accordingly.

2.2. Start Page – Select User

Brief Description

This is just an overview of the start page of the application where the stakeholder will select his respective option and move further ahead with the functionalities provided to it.

3.   USER FUNCTIONS

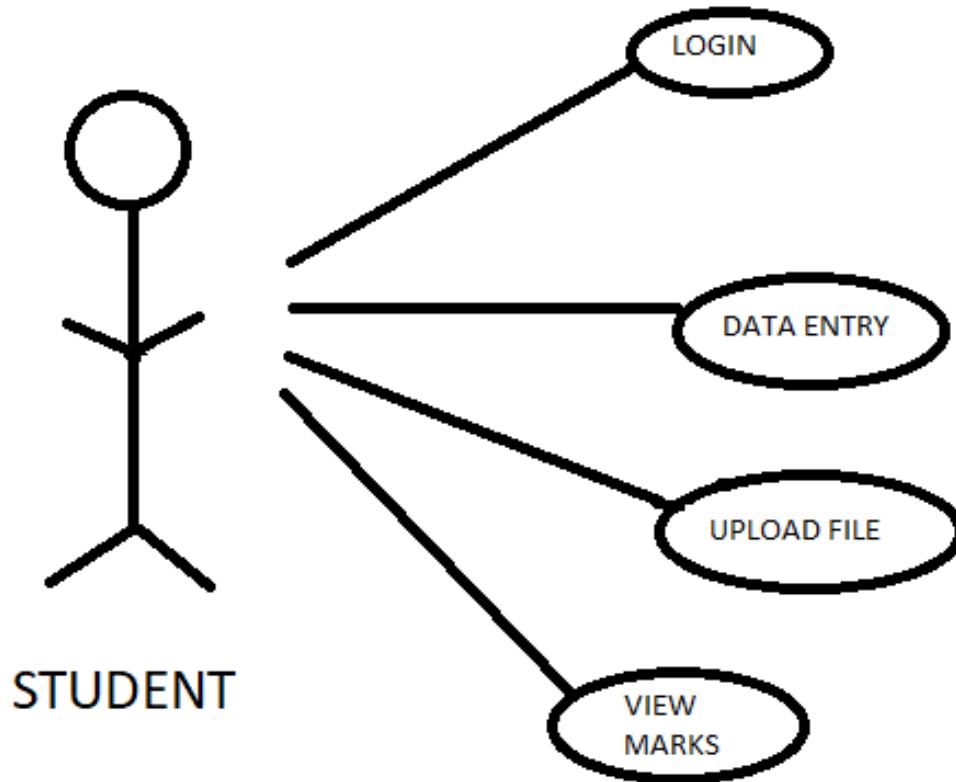## 3.1. Student User Functions

Figure 2- Student Use case

Brief Description

The Student accesses his records(dairy) by logging into the application by entering his credentials. He then enters data at least once a week. He can view the files uploaded by the Admin and Teacher. He can also view his marks.

3.1.1. Login:

Use Case Name	Login
Trigger	Student assesses the Diary Management System
Precondition	The Application is already installed in the system and the Actor is added in the database by the Admin.
Basic Path	The Student open the system and enters his credentials . If the Admin has added the Student as a user he will be able to access the system otherwise an error will be shown .
Alternative Paths	No alternate path
Post condition	The Student is logged into the system .
Exception Paths	The Student may leave the login page anytime .

Steps to be Followed:

1. Install the software in the system.
2. Open the application and click on guide login button.
3. Enter your user name (it must be in the format of s_< id >) and password (it must contain a Capital letter, a number and a special character) and click on submit button.
4. You will be logged into the system.

3.1.2 Upload File:

Use Case Name	Upload File
Trigger	Student wants to upload a file .
Precondition	The Student must be Logged into the system .
Basic Path	The Student logs into the system. The Student uploads the file. The Student submits the file
Alternative Paths	None
Post condition	A notification is sent to all the Actors .
Exception Paths	The Student may abandon the operation at any time.

Steps to be Followed:

1. Click on the upload file option.
2. Select a file to be uploaded (file must of the type doc/pdf, or jpeg/bmp/png) (file size should be less than 2MB)
3. The file will be uploaded.

3.1.3. Data Entry:

Use Case Name	Data Entry
Trigger	The student writes an entry.
Precondition	The Student has to be logged into the system
Basic Path	The Student log's into the system The Student submits the Entry
Alternative Paths	none
Postcondition	A notification is sent to the Guide
Exception Paths	The Student may abandon the operation at any time.

Steps to be Followed:

1. Click on the Data Entry option.
2. Write the Entry (it should not contain special characters) and click on submit button.
3. The Entry will be submitted.

3.1.4 View Marks:

Use Case Name	View Marks
Trigger	The Teacher and the Admin reads the data uploaded by the student and give marks accordingly .
Precondition	The Student has to be logged into the system
Basic Path	The Student log's into the system The Student clicks on view marks
Alternative Paths	none
Post condition	The marks can be viewed by the student .
Exception Paths	The Student may abandon the operation at any time.

Steps to be Followed:

1. Click on the View Marks option.
2. You will be able to view the Marks uploaded by your Guide or the Admin.

3.1.6. View Files:

Use Case Name	View Files
Trigger	The Student opens this module to view files .
Precondition	The Student has to be logged into the system and a file has to be uploaded by the Guide or Admin.
Basic Path	The Student log's into the system to Views the files.
Alternative Paths	None
Post condition	None
Exception Paths	None
Other	None

Steps to be Followed:

1. Click on the View Files option.
2. You will be able to view the files uploaded by your Guide or the admin.

3.1.8. View Comment:

Use Case Name	Review Comment
Trigger	The Student can view the comment on his entry .
Precondition	The Student has to be logged into the system and there should be a comment by guide on data entry by the student .
Basic Path	The Student log's into the system The Student views the Comment entered by the guide.
Alternative Paths	None
Post condition	None
Exception Paths	None

Steps to be Followed:

1. Click on the view comment option.
2. View the comment submitted by the guide on student data entry.
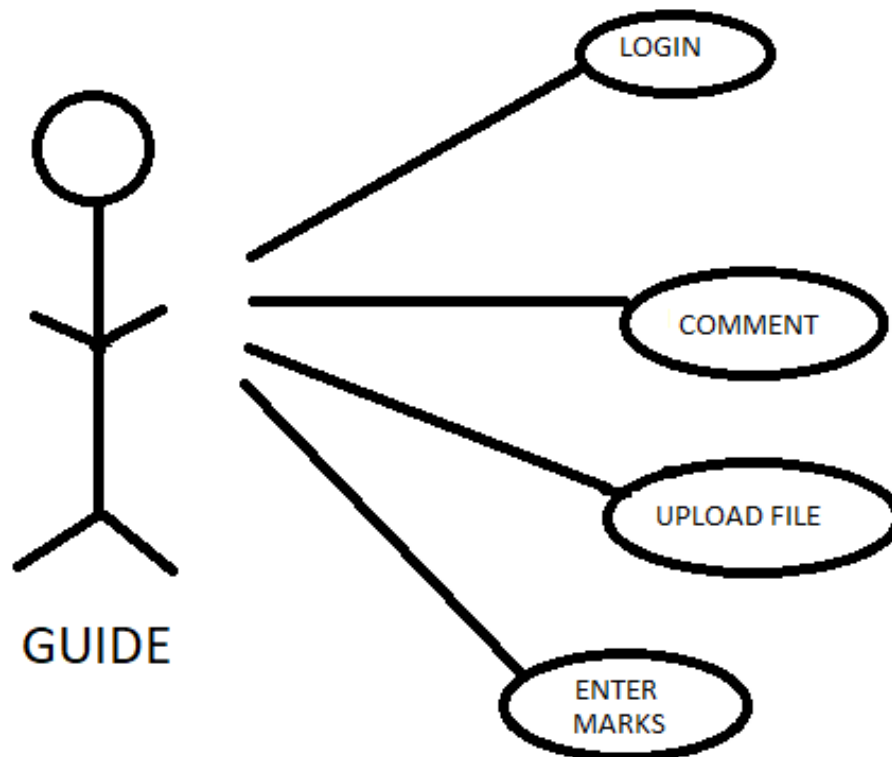
3.2. Guide User Functions:

Figure 3- Guide Use case

Brief Description

The Guide accesses the student's records(dairy) by logging into the application by entering his credentials. He then reads the students entry and enter comments least once a week. He can view the files uploaded by the Admin and Student and also upload files. He also uploads marks.

3.2.1. Login:

Use Case Name	Login
Trigger	Guide assesses the Diary Management System
Precondition	The Application is already installed in the system and the Actor is added in the database by the Admin.
Basic Path	The Guide open the system and enters his credentials . If the Admin has added the Guide as a user he will be able to access the system otherwise an error will be shown .
Alternative Paths	No alternate path
Post condition	The Guide is logged into the system .
Exception Paths	The Guide may leave the login page anytime .

Steps to be Followed:

1. Install the software in the system.
2. Open the application and click on guide login button.
3. Enter your user name (it must be in the format of g_< id >) and password (it must contain a Capital letter, a number and a special character) and click on submit button.
4. You will be logged into the system.

3.2.2. Upload File:

Use Case Name	Upload File
Trigger	Guide wants to upload a file .
Precondition	The Guide must be Logged into the system .
Basic Path	The Guide log's into the system The Guide uploads the file. The Guide submits the file
Alternative Paths	None
Post condition	A notification is sent to all the Actors .
Exception Paths	The Guide may abandon the operation at any time.

Steps to be Followed:

1. Click on the upload file option.
2. Select a file to be uploaded (file must of the type doc/pdf, or jpeg/bmp/png) (file size should be less than 2MB)
3. The file will be uploaded.

3.2.3. Comment:

Use Case Name	Comment
Trigger	The Guide on reading the document writes a comment.
Precondition	The Guide has to be logged into the system and there should be a data entry by the student .
Basic Path	The Guide log's into the system The Guide reads the students file and comments on it . The Guide submits the Comment
Alternative Paths	none
Post condition	A notification is sent to the Student
Exception Paths	The Guide may abandon the operation at any time.

Steps to be Followed:

1. Click on the comment option.
2. Write the comment (it should not contain special characters) and click on submit button.
3. The comment will be submitted.

3.2.4. Enter Marks:

Use Case Name	Enter Marks
Trigger	The Guide reads the data uploaded by the student and give marks accordingly .
Precondition	The Guide has to be logged into the system and a data should have been entered by the Student and the Guide should have commented on it which should have also been reviewed by the Admin .
Basic Path	The Guide log's into the system The Guide reads the students file and marks it . The Guide submits the marks .
Alternative Paths	none
Post condition	The marks can be viewed by the student .
Exception Paths	The Guide may abandon the operation at any time.

Steps to be Followed:

1. Click on the Enter Marks option.
2. Enter Marks (it should only contain 3 digits) (no special characters).
3. The marks will be submitted.

3.2.5. View Entry:

Use Case Name	View Entry
Trigger	The Guide opens this module to view students entry.
Precondition	The Guide has to be logged into the system and an Entry has to be uploaded by the Student.
Basic Path	The Guide log's into the system to Views the students entry .
Alternative Paths	None
Post condition	none
Exception Paths	none
Other	none

Steps to be Followed:

1. Click on the View Entry option.
2. You will be able to view the entry made by your student.

3.2.6. View Files:

Use Case Name	View Files
Trigger	The Guide opens this module to view files .
Precondition	The Guide has to be logged into the system and a file has to be uploaded by the Student or Admin.
Basic Path	The Guide log's into the system to Views the files .
Alternative Paths	None
Post condition	none
Exception Paths	none
Other	none

Steps to be Followed:

1. Click on the View Files option.
2. You will be able to view the files uploaded by your students or the admin.
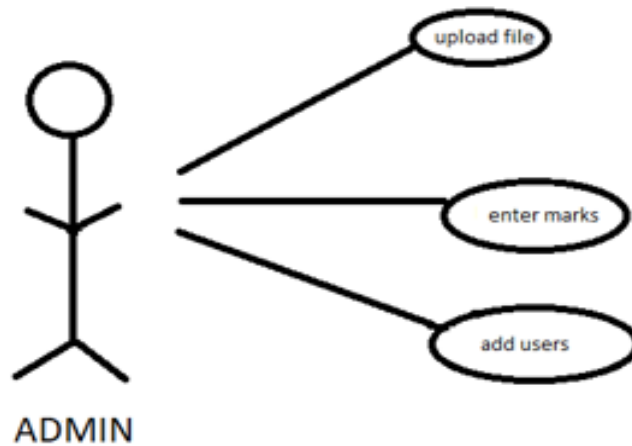
3.3. Admin User Functions:

Figure 4- Admin Use Case

Brief Description

The Admin accesses the student's records(dairy) by logging into the application by entering his credentials. He can add users. He then reads the students entry and enter comments least once a week. He can view the files uploaded by the Guide and Student and also upload files. He also uploads marks.

3.3.1. Login:

Use Case Name	Login
Trigger	Admin assesses the Diary Management System
Precondition	The Application is already installed in the system and the Actor is added in the database by the Admin.
Basic Path	The Admin open the system and enters his credentials . If the Admin enters wrong credentials error will occur.
Alternative Paths	No alternate path
Post condition	The Admin is logged into the system .
Exception Paths	The Admin may leave the login page anytime .

Steps to be Followed:

1. Install the software in the system.
2. Open the application and click on guide login button.
3. Enter your user name (it must be in the format of a_< id >) and password (it must contain a Capital letter, a number and a special character) and click on submit button.
4. You will be logged into the system.

3.3.2. Upload File:

Use Case Name	Upload File
Trigger	Admin wants to upload a file .
Precondition	The Admin must be Logged into the system .
Basic Path	The Admin log's into the system The Admin uploads the file. The Admin submits the file
Alternative Paths	None
Post condition	A notification is sent to all the Actors .
Exception Paths	The Admin may abandon the operation at any time.

Steps to be Followed:

1. Click on the upload file option.
2. Select a file to be uploaded (file must of the type doc/pdf, or jpeg/bmp/png) (file size should be less than 2MB)
3. The file will be uploaded.

3. Review Comment:

Use Case Name	Review Comment
Trigger	The Admin on reading the comment reviews it.
Precondition	The Admin has to be logged into the system and there should be a comment by guide on data entry by the student .
Basic Path	The Admin log's into the system The Admin reviews the Comment entered by the guide.
Alternative Paths	none
Post condition	A notification is sent to the Student
Exception Paths	The Admin may abandon the operation at any time.

Steps to be Followed:

3. Click on the comment option.
4. Write the comment (it should not contain special characters) and click on submit button.
5. The comment will be submitted.

3.3.4. Enter Marks:

Use Case Name	Enter Marks
Trigger	The Admin reads the data uploaded by the student and give marks accordingly .
Precondition	The Admin has to be logged into the system and a data should have been entered by the Student and the Guide should have commented on it which should have also been reviewed by the Admin .
Basic Path	The Admin log's into the system The Admin reads the students file and marks it. The Admin submits the marks .
Alternative Paths	none
Post condition	The marks can be viewed by the student and guide .
Exception Paths	The Admin may abandon the operation at any time.

Steps to be Followed:

1. Click on the Enter Marks option.
2. Enter Marks (it should only contain 3 digits) (no special characters).
3. The marks will be submitted.

5.   View Entry:

Use Case Name	View Entry
Trigger	The Admin opens this module to view students entry.
Precondition	The Admin has to be logged into the system and an Entry has to be uploaded by the Student.
Basic Path	The Admin log's into the system to Views the students entry .
Alternative Paths	None
Post condition	None
Exception Paths	None
Other	none

Steps to be Followed:

1. Click on the View Entry option.
2. You will be able to view the entry made by your student.

6.   View Files:

Use Case Name	View Files
Trigger	The Admin opens this module to view files .
Precondition	The Admin has to be logged into the system and a file has to be uploaded by the Student or Guide.
Basic Path	The Admin log's into the system to Views the files.
Alternative Paths	None
Post condition	none
Exception Paths	none
Other	none

Steps to be Followed:

1. Click on the View Files option.
2. You will be able to view the files uploaded by your students or the Guide.

3.3.7 Add User:

Use Case Name	Add User
Trigger	The Admin adds user to the system. .
Precondition	The Admin has to be logged into the system.
Basic Path	The Admin logs into the system to Add User. Then fill in all the mandatory fields i.e. credentials of the user (guide or student) and submit.
Alternative Paths	None
Post condition	There will be a particular student under a particular guide.
Exception Paths	none
Other	none

Steps to be Followed:

1. Click on add user.
2. Fill in all the mandatory fields (i.e. credentials of the user)
3. Click on submit.