Interim Report
CST 392-2

Group No: 06

Note Review Application

Department of Computer Science and Technology
Uva Wellassa University
May 2018

Group Number: 06

Project Title: Note Review Application

Group Members:

	Name	Reg. No.	E-mail	Signature
1	L.P.B.P. De Silva	UWU/CST/15/008	bevylabs@gmail.com	
2	W.H.A.Madhushanka	UWU/CST/15/023	asithamadhushanka1994@gmail.com	
3	V.P.Rajeswaran	UWU/CST/15/038	pvithusia@gmail.com	
4	Y.M.U.I. Yapa	UWU/CST/15/055	uyapa8021@gmail.com	

Name of the Supervisor: Signature:

 Ms. Yanusha Mehendran   …………………………..

 Ms. Imalka Pathirana   ……………………………

Date:……………....

Contents

1. Introduction :
Project Title: Note Review Application
Project Background:

In today's age of fierce competition, all are more focused and concerned about education. The aim of education is to learn and attain skills to lead a fulfilled life ever after. Learning is a process related to different ways of gaining knowledge and acquiring skills. Theoretical knowledge has its own importance in learning. Theory teaches us through the experience of others. A sound theoretical base is of utmost important for gaining practical knowledge. Therefore, in order to be confident with the content of learning it is essential for any person to by-heart or memorizes the contents. Even though memorizing any learned content is very important, we notice and experience that many of us fail to find a flexible way of reviewing and memorizing things.

Helping people to better regulate their learning through the use of effective learning techniques is very essential. Fortunately in the modern world cognitive and educational psychologists have been developing and evaluating easy to use learning techniques that could help students to achieve skills in learning fast and interestingly.
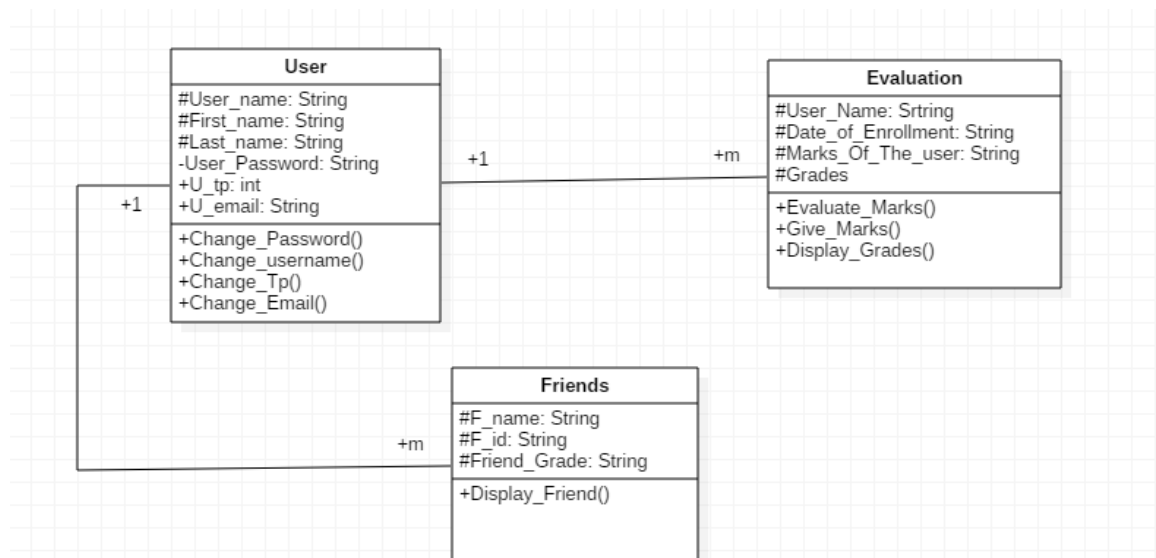
The Note Reviewing App will help people in such situations by encouraging and memorizing any content that they need in a flexible and in an attractive manner by just taking an image of the content that you needed to be confident on.
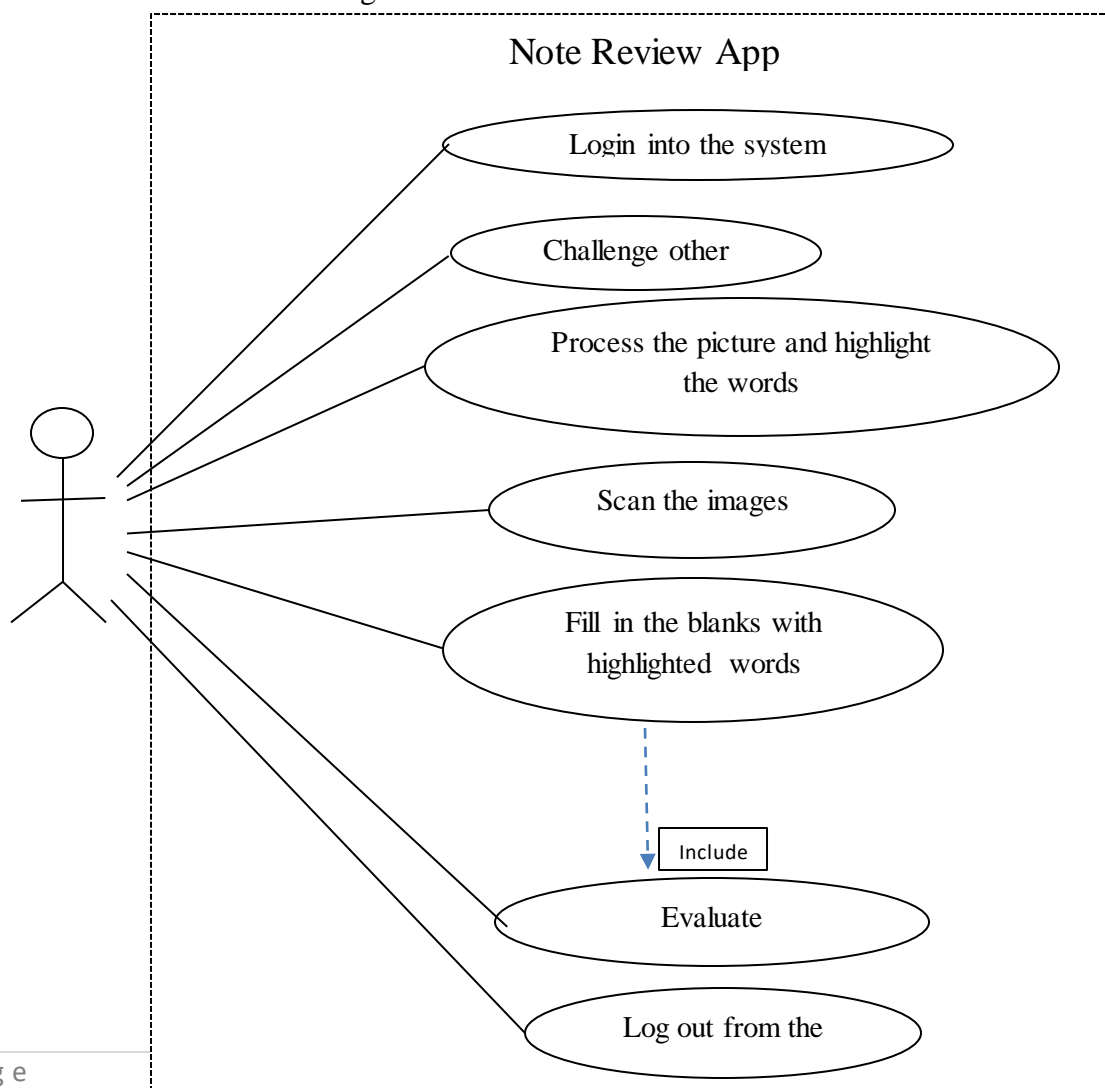
Project objectives

- To gain a quick review and be confident on any content.
- To study and byheart theoretical content.
- To provide an evaluation on their own performance after learning a particular content.
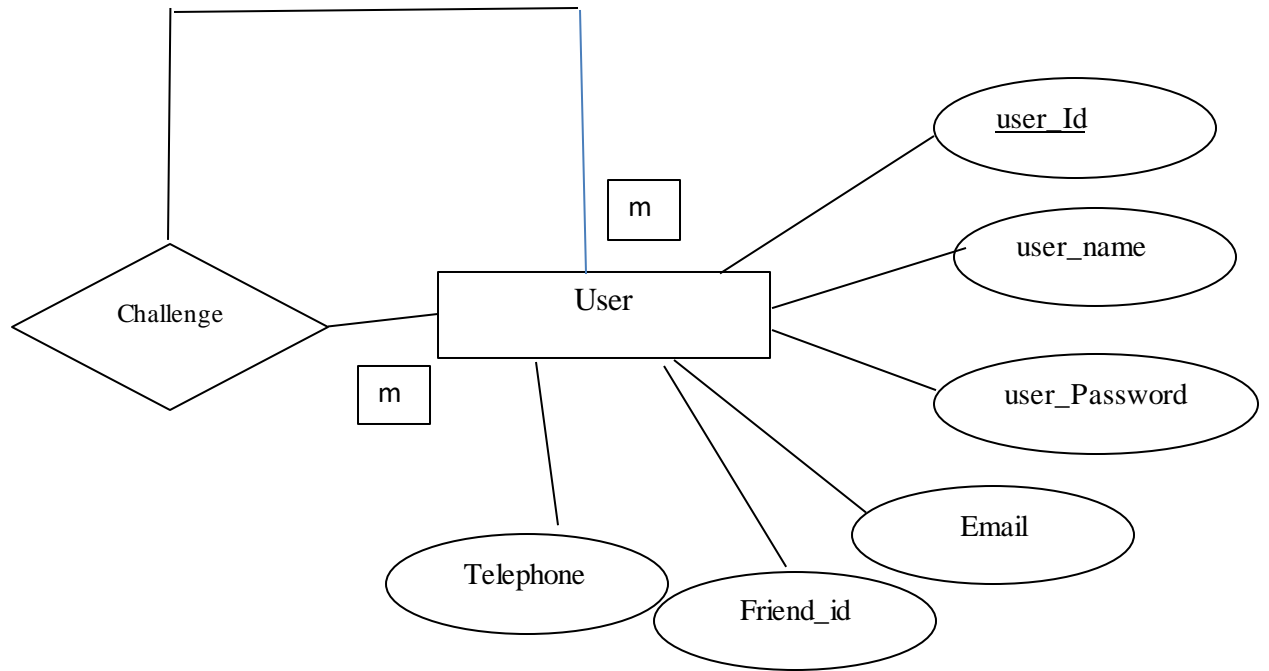
2. UML Diagrams

- Class Diagram

User

#User_name: String
#First_name: String
#Last_name: String
-User_Password: String
+U_tp: int
+U_email: String
+Change_Password()
+Change_username()
+Change_Tp()
+Change_Email()

Evaluation

#User_Name: Srtring
#Date_of_Enrollment: String
#Marks_Of_The_user: String
#Grades
+Evaluate_Marks()
+Give_Marks()
+Display_Grades()

+1   +m

+1

Friends

#F_name: String
#F_id: String
#Friend_Grade: String
+Display_Friend()

+m

- Use Case Diagram

Note Review App

- Login into the system
- Challenge other
- Process the picture and highlight the words
- Scan the images
- Fill in the blanks with highlighted words

Include

- Evaluate
- Log out from the

3. ER Diagram

4. Progress of the project

- Login
- Registration
- Scanning the text through camera using OCR
- Highlighting text
- Drag and Drop words
- Splash Screen
- Function of refreshing content
- Database Creation
- Class , Use Case & ER Diagrams
- Fill in the blanks by typing on the space provided
- Validation of the results is done after filling the blanks
- Searching and gathering information to find a proper mechanism to select keywords.

5. Future Work

- Improve the function of OCR
- Use images In the storage
- Save the highlighted content for future use
- Share and Challenge Friends

6. Individual Contribution

	Name	Reg. No.	Contribution
1	L.P.B.P. De Silva	UWU/CST/15/008	Initializing OCR Scanning the text Random Word Selector Process the text
2	W.H.A.Madhushanka	UWU/CST/15/023	Interface Designing Login & Registration Saving and uploading content. Calculating the no of attempts ER Diagram
3	V.P.Rajeswaran	UWU/CST/15/038	Highlighting Text Class Diagram Database Designing
4	Y.M.U.I. Yapa	UWU/CST/15/055	Word Dragging Splash Screen Information Searched on Selecting Random keywords