**Use case description**

**Login Use Case**

**Participating Actors:** Teacher (Initiating Actor)

**Entry Conditions:**

* The user must have a valid Teacher account registered in the system.

**Exit Conditions:**

* The user session for the Teacher user will be created in the system.

**Flow of Events:**

1. The user launches the application/screen.
2. The system displays the login screen with the following inputs:
   1. Username
   2. Password
3. User inputs their Username and Password.
4. The system verifies the Username and Password. If the account is verified, the system loads the home screen for the Teacher account.

**Alternative Flows:**

AF-S5: If the Username/Password is invalid.

1. The system displays a message saying “Invalid Username/Password! Please try again!”.
2. The system returns to step 2 of the Original Flow.

**Exceptions:**

EX1: If the Username/Password is invalid for 3 times.

1. The system displays with a message saying “Invalid Username/Password for 3 times! Account has been locked, please contact your system administrator!”.
2. The system returns to step 2 of the Original Flow.

EX2: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**Logout Use Case**

**Participating Actors:** Teacher (Initiating Actor)

**Entry Conditions:**

* The user must have a valid Teacher account registered in the system.
* AND
* The user must be already logged into the system.

**Exit Conditions:**

* The current user session for the Teacher user will be ended in the system.

**Flow of Events:**

1. The user launches the application/screen.
2. The screen that the user was last at will load.
3. The user presses the ‘Logout’ button.
4. A popup box will appear with the message “Are you sure you want to log out?” with the options “Yes” and “No”.
5. If the user selects “Yes”, the system will end the user’s session in the system.

**Alternative Flows:**

AF-S5: If the user selects “No” to cancel the logout process.

1. The popup box will be closed.
2. The system returns to step 2 of the Original Flow.

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**View List of Student Accounts Use Case**

**Participating Actors:** Teacher. Initiating Actor = Teacher.

**Entry Conditions:**

* The Teacher user must have one or more student accounts to view.
* AND
* The user must be already logged into the system.

**Exit Conditions:**

* ?

**Flow of Events:**

1. The system will retrieve the list of all student accounts.
2. System will then display in list format of the students account and below will be shown the depression level in colour code of each student account.
3. System will also provide a filter icon on the top right corner of the list of student account.
4. User can choose to filter the students by tapping on the icon, filtering includes (classification of the depression classification, name, age and sex).
5. The system will display according to the user preference in list format

**Alternative Flows:**

1. -

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**View Journal Entry of Student Accounts Use Case**

**Participating Actors:** Initiating Actor = Teacher.

**Entry Conditions:**

* The Teacher user must have one or more student accounts to view.
* AND
* The user must be already logged into the system.
* AND
* The Teacher selected a student account from the view all student account

**Exit Conditions:**

* ?

**Flow of Events:**

1. Once student account is selected, the system will display a detailed metric of the student, the previous and current journal entries of the students in a calendar format
2. User can select which date of entry of the journal.
3. The system will prompt the user to (View or Commend) on the journal entries.
4. Once selected View the system will showcase the journal entry for the selected date.

**Alternative Flows:**

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**Enter Comments of Journal Entry of Student Accounts Use Case**

**Participating Actors:** Initiating Actor = Teacher.

**Entry Conditions:**

* The Teacher user must have one or more student accounts to view.
* AND
* The user must be already logged into the system.
* AND
* The Teacher selected a student account from the view all student account
* AND
* The Teacher selected view journal entry of the student

**Exit Conditions:**

* ?

**Flow of Events:**

1. The system will prompt the user to (View or Commend) on the journal entries.
2. Once selected Commend the system will prompt out a feedback box to let the user key in feedbacks or commend.
3. Once commend the user can choose to delete the commend or select ok.
4. The system will delete the commend if selected
5. The system will transfer the comments and the student account is able to view the comments given by the teacher.

**Alternative Flows:**

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**Set Grades on Student Accounts Use Case**

**Participating Actors:** Initiating Actor = Teacher.

**Entry Conditions:**

* The Teacher user must have one or more student accounts to view.
* AND
* The user must be already logged into the system.

**Exit Conditions:**

* ?

**Flow of Events:**

1. The system will retrieve the list of all student accounts.
2. The system will display in icon on the right for the user to key in the grades of the student
3. Once user selects the icon, the system will display the modules taken by the students and grades
4. The system will also display an edit button on the bottom of the grades
5. User can overwrite the grades by selecting on it
6. Once selected the system will prompt the user to key in the details
7. User key in the details and save, the system will update its database and showcase the new details immediately.

**Alternative Flows:**

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**Share Student Accounts Use Case**

**Participating Actors:** Counsellor. Initiating Actor = Teacher.

**Entry Conditions:**

* The Teacher user must have one or more student accounts being shared with them.
* AND
* The user must be already logged into the system.
* AND
* The Teacher selected a student account from the view all student account

**Exit Conditions:**

* ?

**Flow of Events:**

1. User can share the student account with specialist or counsellor with the share icon in the system.
2. Once the student details are shared the information will be transfer from the database to the counsellor or specialist. In which it enables the counsellor or specialist to gain access of the student’s information
3. The system will prompt out the user that the details are successfully sent to the counsellor.

**Alternative Flows:**

1. -

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**Search nearby counsellor Use Case**

**Participating Actors:** Counsellor. Initiating Actor = Teacher.

**Entry Conditions:**

* The Teacher user must have one or more student accounts being shared with them.
* AND
* The user must be already logged into the system.
* AND
* The Teacher selected a student account from the view all student account

**Exit Conditions:**

* ?

**Flow of Events:**

1. The user can choose to search nearby counsellor or specialist by selecting the icon.
2. Once selected the system will prompt the user which student the user wishes to selected
3. Once the user selects the student, the system will calculate and prompt back to the user and display the nearest clinic or hospital from the student’s home.

**Alternative Flows:**

1. -

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.

**Notify the Teacher Use Case**

**Participating Actors:** Counsellor. Initiating Actor = Teacher.

**Entry Conditions:**

* The user must be already logged into the system.
* OR
* System is running in the background

**Exit Conditions:**

* ?

**Flow of Events:**

1. The system will calculate the detailed metric of each student for depression.
2. Once the depression level reaches to a severe level the system will notify the user.
3. Once user is notified by the program the user can choose to book an immediate appointment with the specialist or counsellor.
4. Once booking is done by the user, the system will update and notify the counsellor account immediately.

**Alternative Flows:**

1. -

**Exceptions:**

EX1: If the system/internet network is not available/down.

1. A message should be shown “System network down! Please try again later or contact your system administrator!”.