Comp 3613

User requirement:

1. The system must provide a process for the user to create a study timetable.

System Requirement:

* 1. When the user open the application, he/she should be presented with the option to create a new study timetable or to view a past study timetable.
  2. If the option to create study timetable is selected, a screen with an empty month’s calendar should be shown.
  3. The user should then be able to click on the day their exam is on where a they are prompted to fill in a form with their exam details.
  4. The system should then prompt the user to generate a study timetable where it saves the exam into an array of exams for that table then it finds the exam with the shortest number of days between exams and allocates that amount of study days as mandatory study days before the exam.
  5. The system should then count the number of days between current day and first mandatory study day and allocate study days to courses based on their difficulty.

User requirement:

1. The system must provide a process for the user to add an exam.

System requirement:

2.1) When the user open the application, he/she should be presented with the option to create a new study timetable or to view a past study timetable.

2.2) If the option to view study timetable is selected, a screen with the last created study timetable should be shown with each course and its study day having its own color on a monthly calendar.

2.3) The user should then be able to click on the day their exam is on where a they are prompted to fill in a form with their exam details.

2.4) The system should then prompt the user to generate a study timetable where it saves the exam into an array of exams for that table then finds the exam with the shortest number of days between exams and allocates that amount of study days as mandatory study days before the exam.

2.5) The system should then count the number of days between current day and first mandatory study day and allocate study days to courses based on their difficulty.

User Requirement:

1. The system must provide a process for the user to view study timetable.

System requirement:

3.1) When the user open the application, he/she should be presented with the option to create a new study timetable or to view a past study timetable.

3.2) If the option to view study timetable is selected, a screen with the last created study timetable should be shown with each course and its study day having its own color on a monthly calendar.

User Requirement:

1. The system must provide a process for the user to remove an exam from the study timetable.

System Requirement:

4.1) When the user open the application, he/she should be presented with the option to create a new study timetable or to view a past study timetable.

4.2) If the option to view study timetable is selected, a screen with the last created study timetable should be shown with each course and its study day having its own color on a monthly calendar.

4.3) The user should then be able to click on the exam they would like to remove where they should be prompted to remove or edit the exam.

4.4) If the user selects to remove the exam, the system should take the date and set the exam visibility for the exam as false.

4.5) The system should then prompt the user to generate a study timetable where it saves the regenerates the study timetable containing exams with its visibility as true.

User Requirement:

1. The system must provide a process for the user to edit exam details.

System Requirement:

5.1) When the user open the application, he/she should be presented with the option to create a new study timetable or to view a past study timetable.

5.2) If the option to view study timetable is selected, a screen with the last created study timetable should be shown with each course and its study day having its own color on a monthly calendar.

5.3) The user should then be able to click on the exam they would like to remove where they should be prompted to remove or edit the exam.

5.4) The user should prompted to fill in a form with their exam details.

5.5) The system should then save the changes in details the user made.