Exam Companion

Requirements Elicitation Report

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| **ID** | **Requirement** | **Type** | **Priority** | **Use Case** |
| 1 | The system shall allow the user to set a Pomodoro timer that alternates between 25 and 5 minutes. | Functional | Core | Pomodoro timer |
| 2 | The system shall allow the user to store a summary of work completed after each Pomodoro. | Functional | Core | Pomodoro timer |
| 3 | The system shall store on the device the number of Pomodoro’s completed and each summary of Pomodoro’s completed. | Functional(D) | Core | Pomodoro timer |
| 4 | The system shall grant the user 1 point for each Pomodoro section with summary completed, with 4 additional points for completing 4 consecutive Pomodoro’s. | Non-functional usability | Optional | Pomodoro timer |
| 5 | The system shall allow the user to compete with other users for points by sharing their score using Google Play Games. | Non-functional usability | Optional | Pomodoro timer |
| 6 | The system shall allow the user to create virtual flash cards on their device. | Functional | Core | Flash cards |
| 7 | The system shall remind user through notifications to review flash cards created at intervals in accordance with the theory on spaced repetition. | Functional | Core | Flash cards |
| 8 | The system shall store created flash cards on the device. | Functional(D) | Core | Flash cards |
| 9 | The system shall allow the user to organise flash cards in ‘decks’. | Functional | Core | Flash cards |
| 10 | The system shall allow the user to delete created flash cards. | Functional | Core | Flash cards |
| 11 | The system shall allow grant the user a point for each flash card created and remove a point for each flash card removed. | Non-functional usability | Optional | Flash cards |
| 12 | The system shall allow the user to share their flash cards with other users. | Non-functional usability | Optional | Flash cards |
| 13 | The system shall allow the user to add events in a schedule. | Functional | Core | Schedule |
| 14 | The system shall display the schedule in a chronological list. | Functional | Core | Schedule |
| 15 | The system shall allow the user to set events to repeat after each given time interval. | Functional | Optional | Schedule |
| 16 | The system shall recommend time given to tasks in schedule be reduced by a given percentage in accordance with Parkinson’s law. | Functional | Core | Schedule |
| 17 | The system shall allow users to set the type and priority of events in schedule. | Functional | Core | Schedule |
| 18 | The system shall remind the user of upcoming events in the schedule by notification. | Functional | Core | Schedule |
| 19 | The system shall allow the user to create an unlimited number of events in the schedule. | Non-functional usability | Core | Schedule |
| 20 | The system shall allow the user to understand its features and navigate their way through the application. | Functional | Core | - |
| 21 | The system shall be written in java and run on the android mobile operating system. | Non-functional compliance to standards | Core | - |
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