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| **Bangabandhu Sheikh Mujibur Rahman Science and Technology University**  **Department of Computer Science and Engineering** | | |
| **Software Development Project Proposal** | | |
| Project Title: **EduAssess360 – Exam and Preparation** | | Type: Mobile Application |
| Student Information:   |  |  | | --- | --- | | Name | Nahidul Islam Shakin | | Id No. | 18CSE246 | | Session | 2018 - 2019 | | Supervisor Information:   |  |  | | --- | --- | | Name | Dr. Mrinal Kanti Baowaly | | Designation | Associate Professor | | |
| Co-Supervisor Information (If any):   |  |  | | --- | --- | | Name |  | | Designation |  | | |
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| **Introduction:**  Students struggle with inefficient exam preparation and lack of personalized feedback. EduAssess360 addresses these issues by offering an AI-driven platform that provides tailored study resources and detailed performance analysis, improving exam readiness and learning efficiency. | | |
| **Goals/Statement of Purposes:**  The purpose of EduAssess360 is to improve exam preparation by providing personalized feedback, accessible study resources, and structured practice through an AI-driven platform. | | |
| **Deliverables/Objectives:**  Upon completion, EduAssess360 will deliver a cross-platform mobile app for Android and iOS, featuring an AI-driven system for personalized feedback and category-wise exam preparation. The project will also include admin panel for content management, along with a secure local sqflite and Firebase remote database for storing user data and exam results. | | |
| **Success Criteria/ Highlight the Benefits:**  EduAssess360 will improve exam readiness by providing personalized study guidance, reduce time spent on finding resources, and increase the accuracy of performance analysis, leading to better exam results and higher user satisfaction. | | |
| **Methods/Approach:**  The project is followed the Agile methodology, enabling iterative development and continuous feedback. Using the MVVM architecture, the app is developed with Flutter. The process is included regular sprints, user testing, and incremental releases, ensuring a responsive and adaptable development process. | | |
| **Technology Stack/ Resources:**  The project used Flutter with Dart. Firebase and sqflite is served as the database, and custom AI algorithms handle result analysis and note generation. Development tools include Android Studio. The app will be deployed on Google Play Store and Apple App Store for mobile platforms, and the admin panel will run on Windows OS. Version control will be managed via GitHub | | |
| **Risks and Dependencies:**  Synchronization between remote and local storage database, accuracy of AI algorithms, cross-platform compatibility, reliance on third-party libraries, and adherence to platform policies. Data security, privacy, and scalability of AI features are also key concerns. | | |
| . . . . .. . . . . . .. . . . . . . . . . . . .  Supervisor Signature and Seal  **Signature of the Board Members: (Use for presentation’s Board)**  1)... . . . . . . . . . .2)- - - - - - -- - - - -3)- - - -- -- - - -- - -4) - -- - - - - - - -  Comment: i) Accept ii) Contitional Accept iii) Not Accept  Recommand for Project Exibition: Yes / No | | |