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| **PROJECT REQUIREMENTS DOCUMENT** | |
| **Project Name** | Personalized Academic Planner [PAP] |
| **Functional Requirements** | |
| **User Registration and Login:** Users should be able to register and login to the PAP using their email. | |
| **User Interface:** The PAP should have a user-friendly interface that allows users to edit, delete and add tasks easily. | |
| **Notifications:** Remainders or notifications about upcoming tasks should be sent to users on the PAP. | |
| **Task Management:** Users should be able to add, edit, and delete tasks related to each course, including details such as task name, due date, priority level, and estimated time to complete. | |
| **Course Management:** Users should be able to add, edit, and delete courses, including details such as course name, instructor, schedule, and workload. | |
| **Design Constraints** | |
| **Economic Factors:** The PAP should be cost-effective to develop and help students save on their tuition. | |
| **Security and Access:** The PAP must comply with data protection regulations and provide appropriate access controls for users. | |
| **Reliability:** The PAP must be reliable and not prone to crashes that could lead to loss of user’s data. | |
| **Sustainability and Environmental Factors: More attention should be paid to using servers that are environmentally friendly and have a low carbon footprint when creating and running the PAP.** | |
| **Ethics:** The PAP is required to protect student’s privacy and refrain from abusing student data. | |
| **Societal Impact:** Students who use the PAP should see an improvement in their academic performance and a decrease in their level of stress. | |
| **Technical/Performance Requirements** | |
| **Browser Support:** Supported web browsers. | |
| **Security:** Password protection and authentication. | |
| **Response Time:** The system should respond quickly to user actions (e.g., adding a task or viewing the calendar). | |
| **Data Accuracy:** The PAP should ensure that all user data is accurate and up to date. | |
| **Availability:** The system should be available 24/7, to enable students access the planner anytime they want. | |
| **MVC Architecture:** The PAP should follow Model-View-Controller (MVC) Architecture. | |