**Time Management to Help Students Become Professionals**

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**Data Analysis**

* Data Sources: Identify reliable and relevant sources of data to be used for the analysis. These may include academic records, surveys, and other relevant data sources.
* Data Quality: Ensure that the data is accurate, complete, and up-to-date, and that any inconsistencies are resolved.
* Data Analysis Tools: Identify appropriate tools and techniques to analyse the data, such as statistical analysis, data mining, and machine learning.
* Performance Metrics: Define the performance metrics to be used in the analysis, such as time management metrics, academic performance metrics, and dropout rates.
* Visualization: Use appropriate visualization techniques to present the findings of the analysis in a clear and understandable format.
* Recommendations: Provide actionable recommendations based on the analysis to improve student time management and reduce dropout rates.
* Privacy and Security: Ensure that data is stored and analysed in compliance with data protection regulations and that data privacy is maintained throughout the analysis process.
* Accessibility: Ensure that the findings of the analysis are accessible and understandable for all stakeholders.
* Continuous Improvement: Plan for continuous improvement of the analysis process, including ongoing data collection and analysis to track progress and adjust the recommendations over time.

**Software Development**

* User-friendly Interface: The app should have an easy-to-use and intuitive interface for students to manage their time effectively, track their progress, and stay motivated.
* Customization: The app should allow students to customize their schedules and goals based on their individual needs and preferences.
* Time Management Features: The app should have features that help students manage their time effectively, such as a calendar, task lists, and reminders.
* Progress Tracking: The app should provide students with feedback on their progress towards their goals, such as completed tasks and achievements.
* Analytics and Reporting: The app should provide analytics and reporting features to help students and educators track their progress and identify areas for improvement.
* Accessibility: The app should be accessible and user-friendly for students with disabilities, such as visual or hearing impairments.
* Security and Privacy: The app should have robust security and privacy features to protect student data and ensure compliance with data protection regulations.

**Presentation & Report**

* Presentation Format: Determine the presentation format, that effectively communicates the key findings and recommendations of the analysis. Which also effectively communicates the project criteria for the software development project.
* Clarity and Conciseness: Ensure that the presentation is clear, concise, and easy to understand, avoiding technical jargon and providing appropriate context for any specialized terms used.
* Visual Aids: Use appropriate visual aids, such as charts, graphs, and infographics, to help communicate the data and key findings and to help communicate the project criteria and key features of the app.
* Time Management: Manage time effectively during the presentation, leaving sufficient time for questions and discussion.
* Audience Engagement: Engage the audience through interactive elements, such as Q&A sessions, to ensure their participation and understanding.
* Report Structure: Structure the report in a clear and organized manner, including an executive summary, introduction, methodology, findings, recommendations and expected outcomes.
* Evidence-based Analysis: Ensure that the analysis is evidence-based, using reliable and relevant data sources and appropriate analysis tools and techniques.
* Actionable Recommendations: Provide actionable recommendations based on the analysis, including specific steps that can be taken to improve student time management and reduce dropout rates.
* Data Visualization: Use appropriate data visualization techniques to communicate the findings and key takeaways in a clear and understandable manner.
* Quality Assurance: Ensure that the presentation and report are of high quality and meet the requirements of the stakeholders.
* Technical Feasibility: Ensure that the project criteria are technically feasible, considering factors such as software development methodologies, technology stack, and integration with other systems.
* Stakeholder Alignment: Ensure that the project criteria are aligned with the expectations and requirements of the stakeholders.
* Risks and Mitigation Strategies: Identify potential risks and challenges associated with the project criteria and provide mitigation strategies to address them.

**Future Scope**

* Technical Compatibility: The app should be compatible with different devices and operating systems, such as desktops, laptops, tablets, and mobile phones.
* Integration with Learning Management Systems (LMS): The app should integrate with popular learning management systems (LMS) used in schools and universities to streamline the process of managing coursework and assignments.
* Motivational Elements: The app should have motivational elements such as gamification, rewards, and challenges to keep students engaged and motivated.