



**CALIFORNIA STATE SCIENCE FAIR
2016 PROJECT SUMMARY**

Name(s) Sanjana S. Jilla	Project Number J1412
Project Title Tempus Genie: A Time Budgeting and Planning App for Students	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The Tempus Genie is an App that analyzes all outstanding homeworks, projects, tests, and any extra-curricular activities that are due over the next few days, weeks, and months to generate a To-Do list and time budgets for the tasks that are due the next day.</p> <p>Methods/Materials I used Swift programming to code the App - the software included development of an algorithm that generated time budgets and priorities for various tasks. The App was tested by multiple students for 2 weeks. They used the App to budget and prioritize their daily tasks. After two weeks, feedback was collected on the accuracy and completeness of the Apps's recommendations.</p> <p>Results All the participants were asked to rate the various features on a scale of 1-5 for completeness and accuracy. The average scores were: To-Do list completeness: 4.33, time budget accuracy: 4.78, usability: 4.22, feature completeness: 3.33 and overall rating: 4.11.</p> <p>Conclusions/Discussion Today, there isn't an App or utility that helps students budget and prioritize their time across the various home works, tests, projects and extra-curricular activities. My App has shown that it is possible to automate the planning process and help students budget and plan better.</p>	
Summary Statement I created an App that helps students budget and prioritize their time efficiently. The App creates a To-Do list for the various task that are due the next day.	
Help Received I designed and implemented the algorithm and user interphase using Swift. A family member with programming background reviewed my work and gave me recommendations to improve the implementation.	