

NextGen Scholars Product Backlog

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Task	Story Points	Reasoning
Algorithm to determine students' personalized plan	100	This task is the basis of our project. This algorithm will need to take many inputs into consideration and create a custom 4-year plan for each student. Very high effort.
Customizable personal profile for student needs	40	This task is one of the key parts of our project. Creating a personalized user profile will take a medium-high amount of time and effort.
A way for students to track their personal plan	20	This task is one of the key parts of our project. Students' plans will be saved to their account for future usage. This is a low-medium effort task, mostly relying on saving pre-existing data.
Teacher/guardian account	20	This task is not essential to our project but would be a useful feature to a large user group. Creating a user profile to link to students will take a medium-high amount of time and effort.
Teacher/guardian account - ability to provide feedback and suggest additional resources	8	This is a non-essential feature that improves upon the teacher/guardian account. It takes medium effort to develop both the back-end and front-end. The feature itself takes time but is low priority.
Ability to link teach/guardian account to student's account	5	This feature is one of our lower priority features and it is not complicated to implement.
Parse state and county websites for data on college resources for middle and high school students	40	This is a medium to high priority task, to provide our users with useful and accurate information, the team will need to manually parse government websites. This is high effort from our researchers as the information needs to be manually inputted.
Encryption strategies to secure student accounts	20	This is a medium priority task that we think has a medium complexity to implement as this we have little experience with encrypting.
Access to information for AICE and IB courses	13	This feature has low to medium priority and it's a medium amount of work since you need to do research that can take up to a few hours which is not complicated but still takes some effort.

Access to information on the SAT and ACT.	13	This feature has low to medium priority and it's a medium amount of work since you need to do research that can take up to a few hours which is not complicated but still takes some effort.
Access to information related to extracurriculars.	13	This feature has low to medium priority and it's a medium amount of work since you need to do research that can take up to a few hours which is not complicated but still takes some effort.
Access to information on classes appealing to colleges; updated consistently to reflect new data	13	This feature has low to medium priority and it's a medium amount of work since you need to do research that can take up to a few hours which is not complicated but still takes some effort.
Access to scholarship page with links to webpages that have more details	13	This feature has low to medium priority and it's a medium amount of work since you need to do research that can take up to a few hours which is not complicated but still takes some effort.
Access to tutoring resources	13	This feature has low to medium priority and it's a medium amount of work since you need to do research that can take up to a few hours which is not complicated but still takes some effort.
Filterable pages for scholarships, extracurricular activities, SAT/ACT, college classes, extracurriculars, AICE/IB, etc.	8	This is a low priority feature that enhances the user experience on pre-existing pages. It takes low effort to implement, the backend should be simple and the UX + front-end is fairly standard throughout various websites.
Social media platform to advertise website to middle and high school students	0	This is a non essential feature that we are not thinking of implementing.