Project Proposal

Team name:

NextGen Scholars

Project management tool:

[JIRA](#)

Team roles:

Michelle: Frontend Developer

Luna: Project Manager

Jennifer: UX Designer

Declan: Backend Developer

Programming languages, frameworks, technologies:

Languages: JavaScript, HTML

Framework: REACT

Solution to the challenge statement:

NextGen Scholars is a comprehensive platform designed to address the issue of limited access to quality education for underserved youth, particularly high school students from low-income backgrounds. The solution is centered around offering students comprehensive educational support through personalized plans that encompass a range of opportunities, including academic options, scholarships, extracurricular clubs, internships, and personal projects.

Geoffrey Moore [Template](#):

FOR

underserved high school students

WHO

lack resources about college admissions

The

NextGen Scholars is a website

THAT

personalizes a 4-year plan for the user that includes academic options, scholarships, extracurricular clubs, internships, and personal projects

UNLIKE

JRA Educational Consulting

OUR PRODUCT

offers a free and personalized option via student input.

Risk management table:

Risk Identification / Explanation	Probability of Risk	Effects of Risk	Priority	Risk Planning	Risk Monitoring
Non-compliance with laws: potential for copyright and liability issues	10-20%	**Catastrophic** > Having to completely restart modules	High	> Thorough study of laws > Proper use of citations	> Look over laws and make sure our project complies with them > Update policies as laws change.
Privacy breaches: exploitation of user data due to unprotected code and data.	75-100%	**Serious** > Harming users > Hurting public image > Site takedown	High	> Encryption methods > Password hygiene	>Consistently monitor GitHub repository > Immediate response plans for detected breaches.
Difficulty sourcing information: probability of there being little or no information to support our website.	25-50%	**Tolerable** > Inaccurate information > Misleading students > Hurting public image	Medium	> Thorough research > Directly gathering data from college students	> Regularly verify the accuracy and reliability of sources. > Update content based on feedback.
Platform downtime: potential for the website to be offline due to maintenance, errors, or bugs.	25-50%	**Tolerable** > Hurting public image > Unreliable	Medium	> Implement load balancing > Regular monitoring > Cache content	> Monitor platform performance and uptime. > Set alerts for critical downtime events.
Low user engagement: potential for there to be almost nobody using the website.	50-75%	**Insignificant** > Lower use case > Not reaching people that the website benefits	Low	> Create engaging UX > Promote in middle/high schools > Advertise on social media	> Track user engagement metrics. > Gather user feedback and adjust strategies accordingly.