

Criterion E: Evaluation

#	Success Criteria	Achieved?	Explanation
1	The application will allow students to input their academic preferences into a form.	Yes	When the website is opened, the user is prompted for their name, student ID, email, school, graduation, year, counselor name, current GPA, target GPA, and academic preferences all in separate form sections.
2	The program will use a friendly interface for high school students where buttons are all labeled and easily accessible, UI is color coded for more readability, and minimal scrolling is required to access functionality.	Yes	The user will only have to scroll minimally on each page to access buttons, they are color coded blue to stand out, and the GPA calculator is color coded yellow before use, green when goal is met, and red when goal is not met. The program interface is also user friendly with contrasting text and container colors.
3	After filling out the form, the application will generate a personalized list of class suggestions based on student inputs.	Yes	After the user fills out the form and clicks "Generate Recommended Schedule" the schedule is created with recommended classes to take that match with the students academic preferences from the form.
4	The application will generate example grades based on the student's self-reported academic performance through current GPA on the form.	No	Any user with a GPA above a C average will automatically be assumed to have the ability of getting an A in every class weighted or unweighted. It does not have any intervals to estimate different grades for different GPA's.
5	The students will be able to customize the computer-generated course recommendations by switching the classes for different ones and changing the projected grade for each class.	Yes	After generating a schedule the user is able to change their courses in case they have already taken one of the recommended classes or they don't wish to take that class. The user is also able to change the predicted grade for each class which will update the new GPA projection.
6	The students will be able to export their recommended schedule into a PDF format to	Yes	After creating a recommended schedule they are able to export it to PDF using the "Export Schedule to

	be able to show their counselor with ease.		PDF” button which will create a pdf file with all the courses, predicted grades, current GPA, academic preferences, predicted GPA, and Virtual Virginia classes.
7	Error handling will be included to notify users of invalid inputs or selections such as inputting letters into a field that should only accept numbers.	Yes	When a user enters a GPA below 2.0, above 5.0, or something that is not a number they will be notified with an error popup that says “Please enter a valid GPA between 2.0 and 5.5.”

Client Feedback

1. My client has provided valuable insights into the product's performance. They appreciated the seamless integration of features and the overall design but suggested improvements in the customization options to better cater to diverse user needs. They strongly believe that the website will be useful in helping streamline the process of students being able to pick classes while seeing all of their options online, and being able to export it to a PDF to bring to their counselor.

Recommendations for Future Improvement

Based on the evaluation and feedback, the following recommendations are proposed:

1. Direct connectivity to a StudentVue API where it automatically pulls the students previous classes taken and does not repeat them in a future recommendation.
2. Introduce more customizable options for users to tailor the product to their specific needs, such as personalized themes and adjustable notification settings.
3. Implement a built-in feedback system to continuously gather user input for ongoing improvements.
4. Send the course schedules directly to the counselor to further simplify the process without having to export the schedule to a pdf to manually show your counselor.