

**Project title:**

RUplanner

**Team and team leader:**

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**Motivation/Need:**

Easier understanding and knowledge of available courses and requirements for graduation for all students and majors.

**Target Audience:**

Current and new students at Rutgers University – New Brunswick

**Source of domain knowledge:**

Being an RU student and respective undergraduate handbooks for each major

**Abstract describing scope and impact:**

To create an aesthetically pleasing and intuitive interface which students can use to plan out their 4 year curriculum. The website will provide feedback about any problems with prerequisites or other issues which may crop up when scheduling classes. The website is essentially a combination of courseplanner and degree navigator with a much more intuitive and elegant layout.

**List of deliverable:**

The outcome of this project is that of a streamlined experience in regards to students planning out their 4 year curriculum with a much more enjoyable and accurate representation of major requirements

**Broad components:**

A website with database(s) holding all the available courses and information regarding each major. Presenting the website in an elegant fashion will require extensive use of front end languages (html, css, javascript) along with database management (sql).

**Anticipated technical challenges, risks:**

The most important challenge will be to create an inviting and intuitive interface with which users can interact with. The backend should not be too difficult, and the majority of the work will be focused on aesthetics and seamless fluidity in navigation.

**Link to web page:** [capstone.stevenlu.com](http://capstone.stevenlu.com)