**Team Members** : Drishti Agarwala, Mohana Chandiran Dhukkaram, Tae Yoon Kim,

Rewati Shitole

**Project Title** : University Discourse - A curriculum discussion and information aggregation website for college students.

**Problem Statement** :

There is no focused platform to address specific academic concerns in the university setting. Academic concerns include but are not limited to : grade estimation, schedule feedback, course review, course recommendation. Currently, other sources (such as Reddit/r/Purdue and numerous discord groups) are not always appropriate, because they do not strictly serve the purpose of answering academic queries.

**Project Objectives** :

Implement an application/platform for web that allows users to :

* Search for a specific course in order to get a summary and an overall rating entailing its rigor, lectures, past homework, labs, notes.
* Register an account to:
  + upload individual course schedules/plan of study on the forum asking for opinion,
  + suggest improvisations on others’ schedules/plan of study
  + leave feedback on any course,
  + rate/comment on others’ feedback,
* Input scores for a specific course to get an estimation of the grade based on the past curves.

**Stakeholders** :

* Users : Students currently enrolled in the courses provided by the university, recent college graduates as well as professors wanting to give feedback or suggestions.
* Project Manager : Darwin Vaz
* Developers : Drishti Agarwala, Chandiran Dhukkaram, Tae Yoon Kim, Rewati Shitole

**Project Deliverables** :

* A React JS based front end web application that allows users to search and acquire course summary, and discuss their course schedules with peers.
* A user interface to input scores for a specific course and get an estimation of their grades based on past curves.
* A Node.js express server backend for NoSQL database (MongoDB) that will store user credentials, posts, and comments which can be accessed from our web application.

= General features

> Rating other user’s course schedule & Social media aspect

* Posting class schedule (Year, Major, Semester)
* Search class schedule by (Year, Major, Semester) + (new, hot)
* Class schedule rating (from other users)
* follow courses (similar to book marking courses)
* Tags
* Share (course)
* Share (comment)
* Share (schedule)

> Rating the course

* Course summary
* Comment on the course
* Rating courses (class quality)
* Rating comments (usefulness = like / dislike)
* Searching : filter by tags

> User Authentication

* authentication
* sign up (viewing/rating is available to everyone but posting/commenting is only available to registered users)

> Curve estimation

* Grade estimation (based on user input, grades are supposed to follow a bell curve by university rules, apply the curve by past results)
* Curve graphical summary

<https://github.com/stackshareio/awesome-stacks>

<https://github.com/dwyl/technology-stack>

[https://asperitas.now.sh](https://asperitas.now.sh/)