**RateMyCourses**

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**Brief Description：**

Want to stack your schedule with great classes in Stevens? The ***RateMyCourses*** app is here to help. Plenty of resources like syllabuses, course reviews, professors’ teaching style and a robust set of search features will lead you directly to the perfect courses in the semester.

**Core features:**

1. **Dashboard**

* Shows the slogan and motivation of RateMyCourses.
* Lists the hottest course and favorite professors.
* Students can search courses based on their majors.
* User login and sign up.

1. **User Profile:**

* Shows the username and profile picture of the user.
* Displays the list of history comments made by the user.
* The user can edit and remove the course comments and ratings.

1. **Course Page​:**

* Displays the detailed information of the course, including:
* Current instructor name (with url to the professor page)
* Type (core / elective)
* Difficulty (easy / medium / hard)
* Chance of getting A (low / medium / high)
* Workload (low / medium / lots)
* Course structure
* Comments（Allow other users to like or dislike the review.）
* Other resources (e.g., syllabus, Authorized courseware)
* The logged-in user can evaluate the course and write a review.

1. **Professor Page​:**

* Shows the professor introduction, profile picture, teached courses, and student reviews.
* The logged-in user can evaluate the professor and write a review.

1. **Backstage Management (only for administrators):**

* Adds / deletes / edits the Course Page​ and the Professor Page.
* Restricts the accounts that violate the community standard of ***RateMyCourses***.

**Extra features:**

1. **Data Visualization:** Presents the data with visuals like chars, graphs, and so on by using some relative libraries.
2. **Course Recommendation:** Provides some kind of recommended courses for different users.
3. **App Sponsorship:** The users can reward the development team by Paying with QR Code (Paypal / Alipay / WeChat Pay) .
4. **Backstage Management:** Includes account management, role Management and authority management.
5. **Deployment:** Deploy the application on AWS EC2 Server.

**Github repo:**

https://github.com/Sihong-Lin/CS546-RateMyCourses

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