# Requirement - 20180430

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# 1 Background

#### The requirement in the paper:

The combination of this filter, plus the collaborative bias might result in a reasonable recommendation for what still needs to be completed that can serve as an interim feature while we seek access to the personalize **Academic Plan Review (APR)** campus system that would allow the service to achieve the full personalized degree requirement tracking, request number 6 in Table 10[1]. (p23)

## 2 Approach

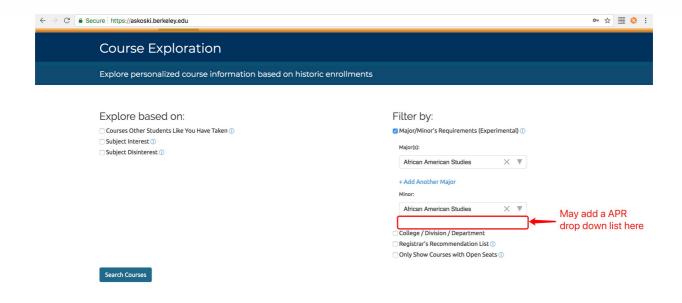
### 2.1 Procedure

- 1. Add the table in database if the table doesn't exist.
- 2. Add Flask backend service to support the database query.
- 3. Add NodeJS route to get the data from backend and support the request of ARP.
- 4. Add the Angular method in front end to raise a request.
- 5. Add the view file to show the APR.

### 2.2 Database Table Design

Since I do not have the database permissions yet, I can not design the table. Or maybe these data should be taken from a special system in school, do not need to store.

### 2.3 View



## 3 Appendix

### 3.1 Table 10 Quotes (student feature requests)

- 1. Explanation as to why the classes are similar to the ones the student hastaken
- 2. Would like AskOski to be able to create a visual instead of just a table ofcourses and similarities, maybe like a mind-map with colors would be nice.
- 3. Wish the suggested courses were linked to descriptions of the suggested courses so that we could verify for ourselves how similar these courses are.
- 4. User profile: Allow more than 1 major in profile.
- 5. Having to select a department and a subject is somewhat redundant.
- 6. To see how close we are to completing major prereqs. Since the system has our major and our class history, that checklist would be nice.
- 7. Could just select a subject/department and just see a list of classes in thatdepartment. Sometimes people don't know all of the classes they want to take.