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CSE 120

Fall 2019

Midterm Exam

1. Generating schedules

User story: Generating up to 50 schedules to fit input classes

Name: Generate schedules

Actors: Student

Entry Condition: Student inputs desired class CRNs

Exit Condition: Student selects schedule

Event Flow: Student inputs class CRNS -> Possible schedules are displayed -> Student selects desired schedule

1. Filters

User story: Filters to tailor the schedule to your life such as focusing on late classes, minimizing gaps, inputting work and meeting times

Name: Apply Schedule Filters

Actors: Student

Entry Condition: After the initial batch of schedules is generated, student will have option to apply desired filters

Exit Condition: Filter is selected, and schedule results are narrowed down. Student selects desired schedule.

Event Flow: Student inputs class CRNs -> Possible schedules are displayed -> Student selects filter -> Refined schedules are displayed based on filters -> Student chooses schedule

1. Port schedule to Google Calendar

User story: Porting schedule to Google Calendar with the click of a button

Name: Port to Google Calendar

Actors: Student

Entry Condition: Press “Port to Google Calendar” button after selecting desired schedule

Exit Condition: Calendar is uploaded to Google Calendar

Event Flow: Student has chosen desired schedule -> Student presses button to port to Google Calendar -> Calendar is uploaded to Google Calendar

1. Follow classes and receive a notification when a spot opens up

User story: Follow class availability

Actors: Student

Entry Condition: Student selects class to follow for availability notifications

Exit Condition: Class is available, student is notified

Event Flow: Student selects class to follow for availability notifications -> When selected class is available, student is notified through app notifications

