CMPE 187 - Feature Testing

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1. **Features**
    a. Composing messages (Canvas inbox)
        i. Students can only send messages to other students/faculty in their current semester schedule (in this case, Spring 2020). To send a message through the inbox, you first have to select a specific Spring 2020 course you are enrolled in from a drop down menu, and then pick an option from the people available in that respective course.
        ii. You can also choose to send a group message if you are part of a group/team in a specific course.
        iii. Therefore, the input domain for sending messages are the students/faculty enrolled or teaching the courses in your current academic schedule.
        iv. There are no boundary values or equivalence partitioning for this feature.
    b. Assignment Submission Options
        i. In general, there are 5 different options to submit an assignment on canvas - File upload, google doc, google drive, studio or text entry box.
        ii. However, submissions depend on the specifications of the assignment. For example: Some assignment submissions only accept zip files so the only possible input can be a zip file upload to canvas. So, the input domain is variable and depends on what the submission page accepts, however, if there is no constraint, there are 5 different avenues for submission.
        iii. There are no boundary values or equivalence partitioning for this feature.
    c. Calendar (add event/ remove event)
        i. The input domain when adding an event will be a title which will allow the user to put whatever they want as the title of the event, the date which will have the format YYYY-MM-DD, a time which will be based on a 12-hour clock and cannot start one day and end in another day, a location which the user can input anything in the box and what calendar to add it to. There are no boundary values or equivalence partitioning for this feature.
        ii. Removing an event will not have any input domain as the user will only have to make sure that they want to delete the event by clicking delete.
    d. Dashboard Viewing Options (card view, list view, recent activity)

i. The dashboard does not have any input as it is mostly just to display what the user has scheduled and will change the view to either card, list or recent activity view. There will be no equivalence partitioning for this feature.

2. Test Cases

Test Case	Input Values	Steps Taken	Expected Outcome	Actual Outcome	Pass/Fail
Feature 1, TC#1: Test message to professor	Send "Hi" to professor of CMPE 187 Spring 2020	1. Select CMPE 187 from dropdown 2. Select Professor 3. Send text	Message "Hi" is sent to professor of CMPE 187	Message "Hi" is sent to professor of CMPE 187	Pass
Feature 1, TC#2: Test message to professor of another class	Send "Bye" to professor of CS 152 Spring 2020	1. Select CS 152 from dropdown 2. Select Professor 3. Send text	Message "Bye" is sent to professor of CS 152	Message "Bye" is sent to professor of CS 152	Pass
Feature 1, TC#3: Test message to professor from last semester's class	Send "Test" to professor of CS 149 Fall 2019	1. Select CS 149 from dropdown 2. Select Professor 3. Send text	Message "Test" is sent to professor of CS 149	Class does not appear in the dropdown menu as student is not currently enrolled in it. No message sent.	Fail
Feature 1, TC#4: Test message to a current group	Send "Hi" to Group in CMPE 187 Spring 2020	1. Select Groups from dropdown 2. Select 187 group you are part of 3. Send text	Message "Hi" is sent to all teammates as a group message	Message "Hi" is sent to all teammates as a group message	Pass
Feature 1, TC#5: Test file to a current classmate	Send attached file to a student from CMPE 172 Spring 2020	1. Select CMPE 172 from dropdown 2. Select the specific student 3. Click the attached icon on the bottom left and submit the file.	Attached file is sent to the desired recipient.	Attached file is sent to the desired recipient.	Pass

Test Case	Input Values	Steps Taken	Expected Outcome	Actual Outcome	Pass/Fail
Feature 2, TC#1: Any solution allowed	A zip file	1. Click "Submit Assignment" box 2. Click upload file and upload zip file 3. Click Submit	Assignment Submitted	Assignment Submitted	Pass
Feature 2, TC#2: Any solution allowed	Three different files containing the whole assignment solution	1. Click "Submit Assignment" 2. Click upload file and upload 3. Click upload another file to upload multiple files 4. Click Submit after all files uploaded	Assignment submitted	Assignment submitted (Multiple files are allowed as part of Canvas's submission policy)	Pass
Feature 2, TC#3: Only PDFs allowed	A .doc file containing the solution	1. Click "Submit Assignment" 2. Click upload file 3. Upload .doc file 4. Click Submit	Assignment submitted	Unable to submit. Only PDFs allowed for this submission	Fail
Feature 2, TC#4: Only text entry box allowed	A piece of text in text entry box	1. Click "Submit Assignment" 2. Enter text in text entry box 3. Click Submit	Assignment submitted	Assignment submitted	Pass
Feature 2, TC#5: Through Google Drive	A file from your google drive	1. Click "Submit Assignment 2. Click google drive & Authorize access 3. Select file to upload 4. Click Submit	Assignment submitted	Assignment submitted	Pass

Test Case	Input Values	Steps Taken	Expected Outcome	Actual Outcome	Pass/Fail
Feature 3, TC#1	Title: Demo Date: 2020-05-14 From: 12pm to 1:30pm Location: SJSU Calendar: Yosimy Cortes	1. User will click on "+" button in top right corner 2. User will enter the input values into their respective text blocks. 3. User will click submit button	An event named Demo will be added to Yosimy Cortes Calendar on the 2020-05-14. When clicking on the event, it will display the title, duration of the event, 12pm to 1:30pm, and it's location, SJSU.	Demo is created and added to Yosimy Cortes Calendar on 2020-05-14. When clicked, event's details will display the duration of the event from 12pm to 1:30pm and its location at SJSU	Pass
Feature 3, TC#2	Title: Demo Date: 2020-05-14 From: 12pm to 1:30pm Location: SJSU Calendar: Yosimy Cortes	1. User will click on 2020-05-14 day block 2. User will enter the input values into respective text blocks 3. User will click submit button	An event named Demo will be added to Yosimy Cortes Calendar on the 2020-05-14. When clicking on the event, it will display the title, duration of the event, 12pm to 1:30pm, and it's location, SJSU.	Demo is created and added to Yosimy Cortes Calendar on 2020-05-14. When clicked, event's details will display the duration of the event from 12pm to 1:30pm and its location at SJSU	Pass

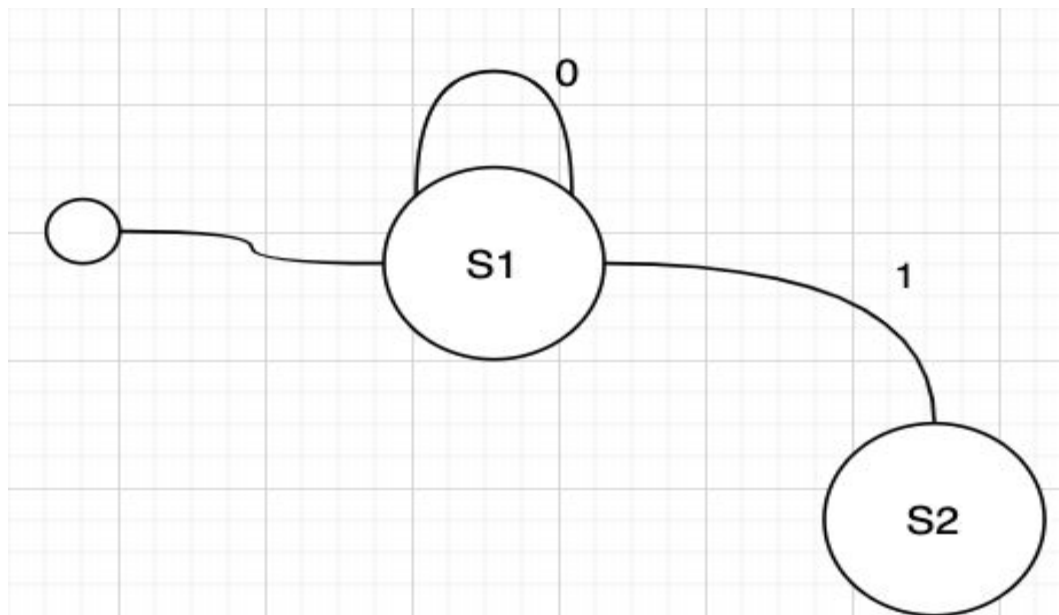|					
Feature 3, TC#3

adding event with same details of another event that already exists | Title: Demo Date: 2018-05-14 From: 12pm to 1:30pm Location: SJSU Calendar: Yosimy Cortes | 1. User will click on the "+" button in the top right corner 2. User will enter the input values into respective text blocks 3. User will click submit button | An event named Demo will be added to Yosimy Cortes Calendar on the 2018-05-14 displayed above the previously existing event. When clicking on the event, it will display the title, duration of the event, 12pm to 1:30pm, and it's location, SJSU. | Event is created on 2018-05-14 on Yosimy Cortes Calendar. When clicked, event's details are displayed showing duration of the event, 12pm to 1:30pm and its location at SJSU | Pass |
| Feature 3, TC#4 | N/A | 1. User will click on existing event they created and want to delete. 2. User will click on delete button 3. Confirm deletion by clicking on delete button | The event that the user chose to delete will no longer be displayed in their calendar. | Event is no longer visible on the user's calendar. | Pass |
| Feature 3, TC#5 | Title: Demo Date: 2018-05-14 From: 1400 to 1430 Location: SJSU Calendar: | 1. User will click on 2018-05-14 day block 2. User will enter the input values into respective text blocks | Event will not be added to the calendar and will stay in the same | Event is added, displaying details of the event, with duration of event being | Fail |

| | | Yosimy Cortes | 3. User will click submit button | window until the user fixes the mistake. | from 12am - 12am. | |

Test Case	Input Values	Steps Taken	Expected Outcome	Actual Outcome	Pass/Fail
Feature 4, TC#1	N/A	1. User will scroll down 2. User will click on "Today" button	User will be scrolled back up to today's date and see events scheduled for that day.	User is scrolled back to today's date and sees events scheduled for the day	Pass
Feature 4, TC#2	N/A	1. User will click on the dashboard view, the last button on the top right. 2. User will click on "Card View"	User's screen will refresh displaying course cards with a "To-Do" tab on the right side of the screen instead of list view of dates with scheduled events.	User's screen refreshes dashboard to display course cards with "To-Do" tab on right side of screen	Pass
Feature 4, TC#3	N/A	1. User will click on the dashboard view, the last button on the top right. 2. User will click on "Recent Activity"	User's screen will refresh displaying recent activity from their courses with a "To-Do" tab on the right side displaying items that need to be done.	User's screen refreshes, displaying recent activities from courses with a "To-Do" tab on the right side of the screen displaying items that need to be done.	Pass
Feature 4, TC#4	N/A	1. User will click on the "grade" button, third from the left	A side tab will slide in from the right side, displaying the user's grades from each course	Side tab slide from right side is displayed with user's grade from each course	Pass

			that they are taking.		
Feature 4, TC#5 (assuming user is in list view)	Title: Demo Date: 2020-05-14 From: 1pm Course: CMPE-187 Details: Demo	1. User will click on the "+" button 2. User will enter input values into respective text block 3. User will click on save button	User will see the dashboard scroll to the newly created to-do event "Demo" on 2020-05-14 at 1pm in CMPE-187 section. When the event is clicked, it will display the details.	Event Demo is created at 1pm on 2020-05-14 for CMPE 187. When clicking on event, details are displayed	Pass

State Transition Diagram for Adding an Event

Input	Current State	Next State	Output
Title: Demo Date: 2018-05-14 From: 1:00pm to 1:30pm Location: SJSU Calendar: Yosimy	S1	S2	Event is posted

Cortes			
Title: Demo Date: 2018-05-14 From: 1400 to 1430 Location: SJSU Calendar: Yosimy Cortes	S1	S1	N/A