

Schedule Creator Use Case Scenarios

Bug Byte

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Last Updated : 05/05/2020

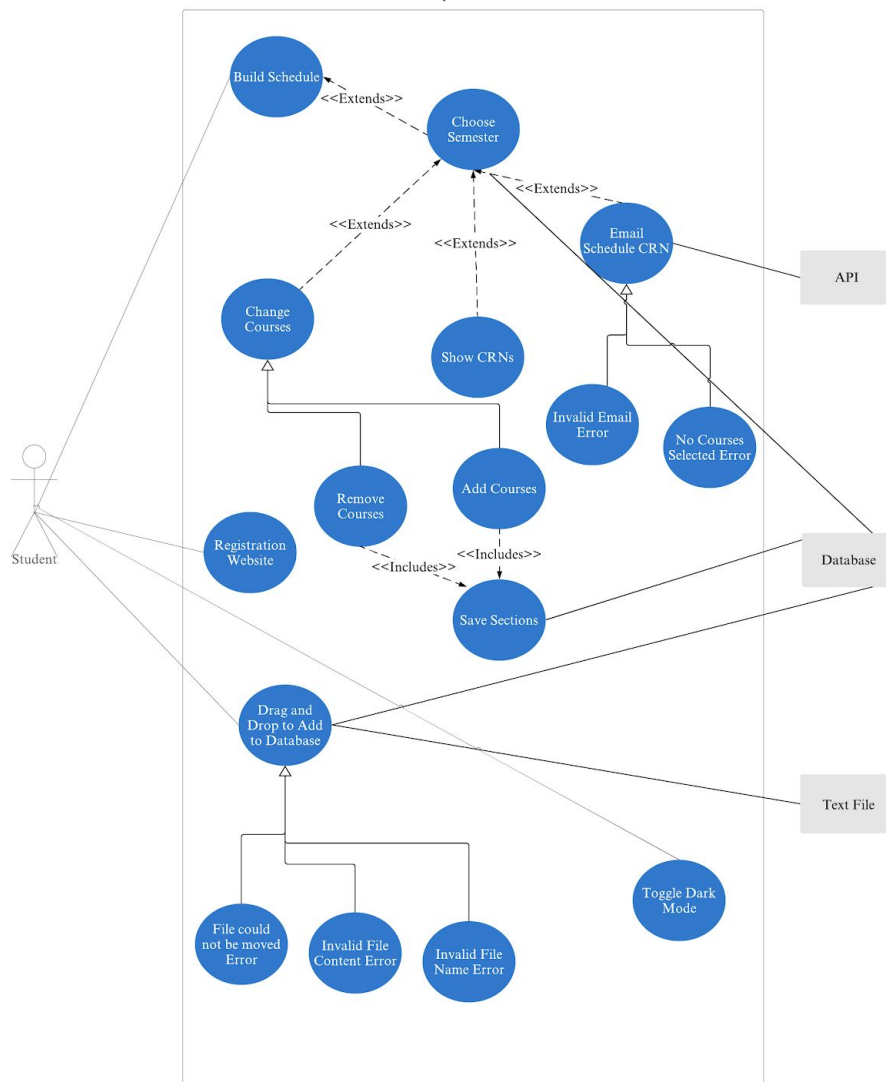
Title: Emailing CRNs

Actor(s): Student

Purpose: Show attempts to email CRNs

Schedule Creator Use Case Diagram

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Scenario 1

Pre Condition(s): User has started the application and is in the main screen
User has selected a semester and one or more courses.

Procedure: Click on the “Email CRNs” button
Application prompts user for their email
User enters a valid email and clicks the “Send” button
Application uses the provided email and selected courses to make an API call
Application closes the email prompt

Post Condition(s): User receives the CRNs via email, since all prerequisites were met, a valid email was provided and one or more courses were selected.

Scenario 2

Pre Condition(s): User has started the application and is in the main screen
User has selected a semester and one or more courses

Procedure: Click on the “Email CRNs” button
Application prompts user for their email
User enters an invalid email and clicks the “Send” button
Application warns user the email they entered is invalid
User tries again until they enter a valid email or exit out of email prompt
User exits out of the prompt

Post Condition(s): User did not receive the CRNs via email, due to no valid email being provided

Scenario 3

Pre Condition(s): User has started the application and is in the main screen

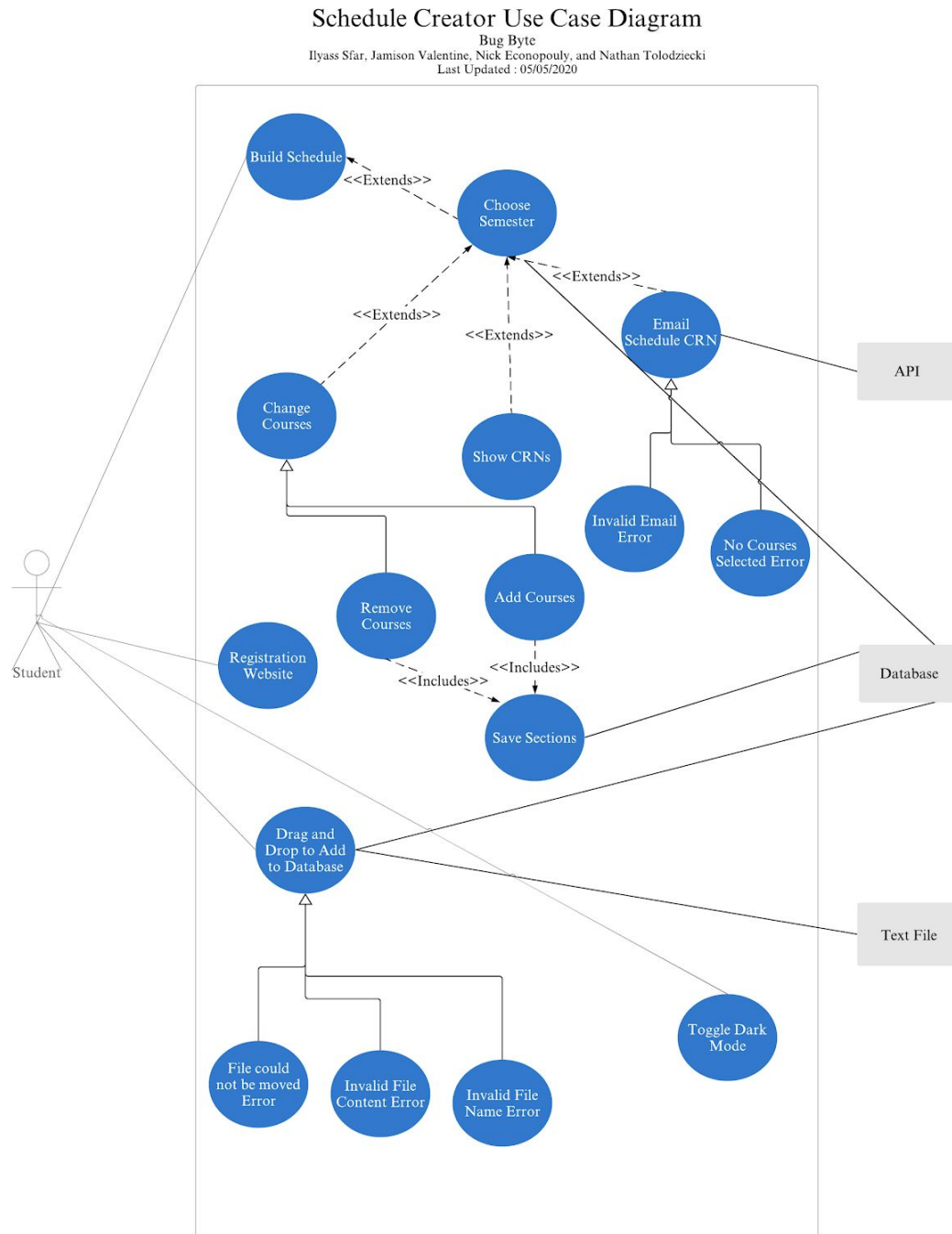
Procedure: Click on the “Email CRNs” button, without selecting any courses
Application prompts user to select one or more courses and try again
User exits the application

Post Condition(s): User did not receive the CRNs via email, due to no courses being selected, meaning there is nothing to email to the user.

Title: Attempt to Add New Semesters to Database

Actor(s): Student

Purpose: Show attempts to add a new semester to the database.



Scenario 1

Pre Condition(s): User has started the application and is in the main screen

Procedure:

- Click on menu button
- Click on add to database button, and read instructions
- Click on registration button and wait
- Click on detailed schedule, selects a semester and clicks submit
- Highlight everything in the subject box, and clicks class search
- Highlight everything on the page and copy it
- Create a text file and paste everything previously copied
- Save and name the file a valid name, according to given instructions
- Click on menu button, then the add to database button
- Drag and Drop the text file onto the application
- Application adds the file to the database
- User waits
- Application gives feedback in the form of a success popup

Post Condition(s): The file was added to the database since the name of the file did follow the instructions given to the user and the file did contain course information.

Scenario 2

Pre Condition(s): User has started the application and is in the main screen

Procedure:

- Click on menu button
- Click on add to database button, and read instructions
- Click on registration button and wait
- Click on detailed schedule, selects a semester and click submit
- Highlight everything in the subject box, and click class search
- Highlight everything on the page and copy it
- Create a text file and paste everything previously copied
- Save and name the file a invalid name, according to given instructions
- Click on menu button, then the add to database button
- Drag and Drop the text file onto the application
- Application warns user that the filename is invalid
- User can either repeat until they name the file a valid name or exit out
- User exits out of application

Post Condition(s): The file was not added to the database since the name of the file did not follow the instructions given to the user.

Scenario 3

Pre Condition(s): User has started the application and is in the main screen

Procedure:

- Click on menu button, then the add to database button
- Create a text file
- Saves and names the file a valid name, according to given instructions
- Drag and Drop the text file onto the application in the add to database view
- Applications warns user that the files content is invalid, in this case empty
- User can either repeat until they add valid context to file or exit out
- User closes application

Post Condition(s): The file was not added to the database since the file did not contain any course information that could be added to the database.

Scenario 4

Pre Condition(s): User has started the application and is in the main screen

Procedure:

- Click on menu button
- Click on add to database button, and read instructions
- Click on registration button and wait
- Click on detailed schedule, selects a semester and clicks submit
- Highlight everything in the subject box, and click class search
- Highlight everything on the page and copy it
- Create a text file and paste everything previously copied
- Save and name the file a valid name, according to given instructions
- Click on menu button, then the add to database button
- Drag and Drop the text file onto the application
- Application adds the file to the database
- User waits
- Application warns user the file was not able to be moved for whatever reason

Post Condition(s): The file was not added to the database since for one reason or another the file could not be moved into the program files which is necessary before the file is parsed and added to the database.