

Use Case Descriptions:

#1

Name: User Load File

Description: Loads a local semester schedule from a CSV file.

Actors: User

Includes: None

Triggers: User selects load local file.

Pre-conditions: None

Basic Flow:

1. User selects file to load
2. System reads and loads in schedule information
3. Filename/path is displayed to user

Exceptions: User does not select the correct file type, User closes the window or selects cancel, User selects the correct file type but it does not contain the proper format.

Post-conditions: Schedule has been successfully loaded into the SVT.

#2

Name: Verify Schedules

Description: Verifies the local schedule to the KSIS SIS schedule.

Actors: User

Includes: None

Triggers: User selects load KSIS file.

Pre-conditions: A local CSV schedule is loaded.

Basic Flow:

1. If filename provided: System reads and loads in schedule information
2. Filename/path is displayed to user
3. System verifies local schedule to SIS schedule

Alternate Flow:

1. If filename not provided: System opens file explorer
2. User selects file
3. System reads and loads in schedule information
4. Filename/path is displayed to user
5. System verifies local schedule to SIS schedule

Exceptions: User does not select the correct file type, User closes the window or selects cancel, User selects the correct file type but it does not contain the proper format.

Post-conditions: Successful Verify Schedules and SVT prints message indicating Verify Schedules success.

#3

Name: Reload

Description: Loads a local semester schedule from a CSV file.

Actors: User

Includes: Verify Schedules

Triggers: User selects reload.

Pre-conditions: None

Basic Flow:

1. System removes schedules from memory
2. System loads the local file
3. System verifies local file against KSIS SIS file. (Verify Schedules)

Exceptions: Local filename not valid/doesn't exist, KSIS CIS filename not valid/doesn't exist.

Post-conditions: Successfully reloaded both files.

#4

Name: Clear

Description: Clears schedules from memory and makes filenames empty.

Actors: User

Includes: None

Triggers: User selects the clear button.

Pre-conditions: None

Basic Flow:

1. System removes schedules from memory
2. System sets the local and SIS CSV filenames to empty.
3. System updates display

Exceptions: None

Post-conditions: Schedules successfully removed from memory and filenames are empty.

#5

Name: About

Description: Shows current SVT version and version date to the User

Actors: User

Includes: None

Triggers: User selected the About button.

Pre-conditions: None

Basic Flow:

1. Current SVT version and version date is displayed to user

Exceptions: None

Post-conditions: Successfully displays about info