

Name of Use Case: Specify/Create Todo.txt file
Created by: Justin Davis
Date Created: 6/8/2021
Description: Allows a user to specify the name they want for the Todo.txt file, and if there isn't one that exist it creates it.
Actors: User
Preconditions: Since this works whether a file exists or not, there aren't any.
Postconditions: The file is chosen or created.
Flow: <ol style="list-style-type: none"> <li>1. User enters the file name for the todo list.</li> <li>2. System checks if there is a file.</li> <li>3. If the file exists, it pulls the data from that list and allows the user to edit it.</li> <li>4. If the file doesn't exist, the system creates one and then opens it for edits.</li> </ol>
Alternative Flows: <ol style="list-style-type: none"> <li>1.</li> </ol>
Exceptions: <ol style="list-style-type: none"> <li>1.</li> </ol>

Name of Use Case: Add Tasks
Created by: Justin Davis
Date Created: 6/8/2021
Description: Allows a user to specify a new task, and adds it to the current todo list.
Actors: User
Preconditions: File has been opened/created.
Postconditions: The desired task is added to the current todo.
Flow: <ol style="list-style-type: none"> <li>1. User specifies the various parts of the todo they want to add.</li> <li>2. System adds the new task to the todo list.</li> </ol>
Alternative Flows: <ol style="list-style-type: none"> <li>1.</li> </ol>
Exceptions: <ol style="list-style-type: none"> <li>1.</li> </ol>

Name of Use Case: View Todo List
Created by: Justin Davis
Date Created: 6/8/2021
Description: Allows a user to see the current todo list in its entirety.
Actors: User
Preconditions: File has been opened/created and there are tasks in the list.
Postconditions: The todo is printed to the console.
Flow: <ol style="list-style-type: none"> <li>1. User requests to view the todo</li> <li>2. System prints out the todo</li> </ol>
Alternative Flows: <ol style="list-style-type: none"> <li>1. List has no task in it (Exception 1)</li> </ol>

Exceptions:

1. System informs the user that the list is empty.

Name of Use Case: View Completed List

Created by: Justin Davis

Date Created: 6/8/2021

Description: Allows a user to view the list of completed tasks

Actors: User

Preconditions: File has been opened/created, and the list has tasks in it.

Postconditions: The completed list is printed to the screen.

Flow:

1. User requests to view the completed list.
2. System prints out the completed list to the console.

Alternative Flows:

1. List has no task in it (Exception 1)

Exceptions:

1. System informs the user they haven't completed anything and therefore the list is empty.

Name of Use Case: Update List Item

Created by: Justin Davis

Date Created: 6/8/2021

Description: Allows a user to update a task in the todo list.

Actors: User

Preconditions: File has been opened/created, the user states the task they want to update, and the list has tasks in it.

Postconditions: The system updates the desired task with the desired changes.

Flow:

1. User specifies the task they want to update.
2. System prompts them for the updated info and edits the current task with the new info.

Alternative Flows:

1. User specifies a task that doesn't exist (Exception 1)
2. List has no tasks in it (Exception 2)

Exceptions:

1. System informs the user that the task doesn't exist in the list.
2. System informs the user that the list is empty.

Name of Use Case: Check for existing todo.txt

Created by: Justin Davis

Date Created: 6/8/2021

Description: Allows the system to determine if the desired text file exists.

Actors: System

Preconditions: Since this works whether a file exists or not, there aren't any.

Postconditions: A file is either confirmed to exist or not.

Flow:

1. System looks for a todo.txt with the given name.

2. Returns what it found.
Alternative Flows:
Exceptions:

Name of Use Case: Display Todo List
Created by: Justin Davis
Date Created: 6/8/2021
Description: System prints out the current todo list.
Actors: System
Preconditions: User has requested to view a todo list and no exceptions were thrown.
Postconditions: Chosen todo list is displayed in the console.
Flow:
1. System displays the currently opened todo list.
Alternative Flows:
Exceptions:

Name of Use Case: Display Completed List
Created by: Justin Davis
Date Created: 6/8/2021
Description: System prints out the completed list.
Actors: System
Preconditions: User has requested to view the completed list and no exceptions were thrown.
Postconditions: Completed list is printed to the screen.
Flow:
1. System displays the completed list.
Alternative Flows:
Exceptions:

Name of Use Case: Move Completed Task
Created by: Justin Davis
Date Created: 6/8/2021
Description: System moves a task that has been completed to the completed list.
Actors: System
Preconditions: User has updated a task with the completed marker.
Postconditions: Completed task has been removed from the todo, and into the completed list.
Flow:
1. User gave the update action a completed marker for a task.
2. System takes the task out of the todo list and inserts it into the completed list.
Alternative Flows:
Exceptions:

