

Criterion E  
Word Count: 464

Initial Success Criteria from A	The Extent To Which It Was Met: ✓ ~ X
System must let the client input tasks and remove them continuously.	✓ All tasks can be inputted in the 'Enter Tasks' page. Individual tasks can be removed in the 'Full Tasks Table' using 'Remove Task Selected'.
Retrieve and display tasks in a table sorted by either urgency, days remaining or time to prepare.	✓ 'Refresh Table' inputs tasks into the table. 'Sort By...' Jdropdown menu allows sorting by urgency, days remaining or preparation time.
Save unfinished tasks	X This was not reached, and is the main limiting factor of this program. The user can only run the program on primary data. it is not persistently available. <sup>1</sup>
Permanently save data in a database	X An SQL database was initially made, however I was unable to connect it to the Netbeans IDE. <sup>2</sup>
Recommendation: Use save files for the program to be worked with persistently. It would be more useful if the user could save and reopen the program with their previous data, and would extend the program's functionality.	
Create a drop-down menu for the user to decide a task's urgency	~ While a text field was used instead of a drop down menu, this was a <u>conscious decision</u> . The user is prompted by the (Yes/No) to input either or as a String instead.
Calculate completion based on initial preparation time and updated preparation time.	X This was not achieved, as the program is not persistently saveable. <sup>3</sup>

<sup>1</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A2, Appendix 2 IA

<sup>2</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A2, Appendix 2 IA

<sup>3</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A1, Appendix 2 IA

Allow searching for a task based on any attribute inputted.	<b>X</b> While this was not achieved, it was a <u>conscious decision</u> . The user does not need to be able to search for a task by every attribute, rather just by its name. <sup>4</sup>
Recommendation: This was not available since tasks were not persistently available, however it should have been, as the program's functionality would have increased through user being able to calculate completion, update tasks.	
Allow the user to completely refresh his organizer to create a new list of tasks.	✓ This was achieved through the 'Clear Table' button.
Visually represent a task if completed/how much of it is completed.	<b>X</b> This element was ultimately removed and replaced by sorting of data by different categories. <sup>5</sup>
Recommendation: NetBeans provides the original 'Nimbus' look and feel. In the future, there is a realistic measure to make the look more modern by importing separate themes/plugins, though this would not add any benefits to the functionality of the program.	
<b>New Successful Features Implemented</b>	
User confirmation when something is done by the user.	Each action - adding, searching, refreshing, sorting - is confirmed with a pop-up tab that tells the user their action taken was done so successfully. <sup>6</sup>
Refresh the 'Search Tasks' tab when data is successfully searched	This is an added usability feature, clearing the text fields for the user when they are finished searching for a task. <sup>7</sup>

<sup>4</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A4, Appendix 2 IA

<sup>5</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A4, Appendix 2 IA

<sup>6</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A6, Appendix 2 IA

<sup>7</sup> Hamza Benmoussa, interview by author, Bangkok, January 10 2022, transcript line A6, Appendix 2 IA