## **Heuristic Evaluation**

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Device / Browser/ OS:
App / Version: <b>Josh</b>

## SEVERITY RATING

- **0** = I don't agree that this is a usability problem at all
- **1** = Cosmetic problem only: fix if time is available
- 2 = Minor usability problem: fixing this should be given low priority
- **3** = Major usability problem: important to fix, given high priority
- **4** = Usability catastrophe: fix this before product can be released

HEURISTICS	VIOLATION	RECOMMENDATION	SEVERIT Y
1. Visibility of system status  Aalways keep users informed about what is going on, through appropriate feedback within reasonable time.	Screens lack clear headers / indications of state	Add Headers (with icons) to each screen for clarity	3
2. Match between system and the real world  Follow real-world conventions, making information appear in a natural and logical order.	<ul><li>Task 2:</li><li>View Route on map is not obvious for how important it is</li></ul>	<ul><li>Task 2:</li><li>Mae view route on map larger and above add to favourites button</li></ul>	1
3. User control and freedom  Users should leave the unwanted state without having to go through an extended dialogue. undo and redo.	Unsure how to navigate between screens	Add persistent buttons for each main screen	4
4. Consistency and standards  Users should not have to wonder whether different words, situations, or actions mean the same thing.	<ul> <li>"Journeys" (Task 3) vs "routes" (Task 2)</li> <li>Task 2:</li> <li>mixed use of journey in info and route in "view route on map" button</li> </ul>	Use either word for all cases	1
5. Error prevention  Either eliminate error-prone conditions or check for them and present users with a confirmation option before they commit to the action.			0

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6. Recognition rather than recall  Minimize the user's memory load by making objects, actions, and options visible.	<ul> <li>Task 2: <ul> <li>Alternative times / Favourite / View route buttons require reading</li> </ul> </li> <li>Task 2 &amp; 3: <ul> <li>Require recall / examination</li> </ul> </li> </ul>	<ul> <li>Task 2:</li> <li>Add icons to each button e.g. clock for times, star/heart for fav, map icon</li> <li>Task 2 &amp; 3:</li> <li>Add icons</li> </ul>	2
7. Flexibility and efficiency of use  Accelerators. Allow users to tailor frequent actions.			0
8. Aesthetic and minimalist design  Dialogues should not contain information which is irrelevant or rarely needed.	<ul> <li>Task 1:</li> <li>Date selection buttons and date specifier repeat information</li> <li>Combination of date selection, map, favourites, and busses is a lot of information</li> </ul>	<ul> <li>Task 1:</li> <li>Combine date header and date edit buttons</li> <li>Split into two screens. One for interactive map, one for list of routes</li> </ul>	2
9. Help users recognize, diagnose, and recover from errors  Error messages should be expressed in plain language (no codes), precisely indicate the problem, and constructively suggest a solution.			0
10. Help and documentation  Even though it is better if the system can be used without documentation, it may be necessary to provide help and documentation.			0