

# Issues

## **Issues**

### **Team Members**

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Read through the informal requirements given in Section II above, and describe any issues (e.g., incompleteness, inconsistency, ambiguity, redundancy, unsoundness) that you encounter in the informal preliminary definition. Also, describe how you have resolved such issues.

Describe what your choice is and the reason for that particular choice – i.e., because said choice is beneficial for some reasons, aka design rationale.

For example, system extensibility can be enhanced by adding a partial category of functional requirements that you team deems reasonable. This is an example of requirements incompleteness

In order to resolve the issues, you must use your own “creative imagination” based on your teamwork. Due to the nature of this app, it would be great if you could find actual potential users to interview; otherwise, put yourselves in the position of a potential user of the app, and document the AS-IS/TO-BE scenarios by experimenting.

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1. Requirements Ambiguity in the Priority section. Why is one feature more important than the other? My choice would be adding a small description to the section that includes justification for the priority score. This is beneficial because it can help clear up confusion and bring clarity on why certain features are categorized as more important than the others.
  - 1.1. A big requirement for the project is voice recognition and relayed voiced directions in real-time. This is because Theia is made for those who are visually impaired and cannot see the cell phone’s screen. Additionally, since a phone’s screen is glass, there is no way to have Braille on it so our app must relay the directions directly to the user.
  - 1.2.

2. Requirements Incompleteness in the Stakeholders section. My choice would be adding a small section that explains why each stakeholder is a stakeholder for the project. This is so the importance of each stakeholder is described clearly and emphasized. Said choice is beneficial as it provides a more complete picture to the project.
  - 2.1. One of our top stakeholders is the visually impaired community. This is because the app is specifically designed to help people with impaired eyesight navigate their way indoors. Because of this, they are the project's main audience and thus, also our top stakeholder.
3. Requirements Incompleteness in the Testing Requirements. My choice would be adding a small section that explains the priority level of each test. This is so that one can get a clear picture on which test is most important and thus, what order the tests should be completed in.
  - 3.1. The Emergency Contact Alerted test is one of the most important tests, with a priority level of 3. This is because the user's safety is the most important. If, for whatever reason, they need to contact help, then it is the developer's duty to make sure they are able to immediately call the emergency support without any trouble.