

Preliminary Project Plan:

CS/SE 6361.001

Project Description:

The project involves developing a smartphone application, called Theia, to assist blind individuals in navigating indoor spaces safely and efficiently. The app will provide step-by-step navigation, detect and communicate obstacles, and offer emergency assistance when needed.

Team Organization/Members:

Ajay Rao
Tonghong Sun
Farrel Raja

Team Website URL:

<https://github.com/RealSao/CS-SE-6361.001>

Schedule:

Deliverable	Due Date	Team Lead	Tools
Preliminary Project Plan	1/30/25	Ajay Rao	Google Docs Discord
Interim Project I Submission/Presentation	3/11/25-3/13/25	Tonghong Sun	Discord, Figma, Microsoft PowerPoint
Final Project I Submission	4/1/25	Farrel Raja	Discord, Figma, Microsoft PowerPoint
Interim Project II	4/8/25	Ajay Rao	Java, VSCode, HTML/CSS/JS,

			MySQL, Discord, Google Docs, Microsoft PowerPoint, Android Studio
Final Project II Submission, presentation, and demo	5/1/25-5/6/25	Tonghong Sun	Java, VSCode, HTML/CSS/JS, MySQL, Discord, Google Docs, Microsoft PowerPoint, Android Studio