AMINAV

About the Project:

- AMINAV is a Realtime Campus Navigation System, which helps newcomers, visitors, or juniors to navigate themselves throughout the campus of Amity University Mumbai.
- This Application uses Artificial Intelligence and Augmented Reality to locate the user's current location and shows them a virtual path till their desired location.
- A.I Navigation used in the app, not only calculates the shortest distance to help the users save time and energy to reach the destination, but also avoids any obstacles along the way.
- In addition, the Application makes the user more independent, as they won't have to ask anybody to give them directions, which may sometimes be confusing or difficult to remember.

Scope of the Project:

- 36 new maps/destinations will be added in future updates.
- Voice assistant features to be added in future updates.
- Distance measurement and footstep counter till the destination.
- Moreover, users will also be able to add personalized maps/locations by themselves.

Result or outcome of the Project:
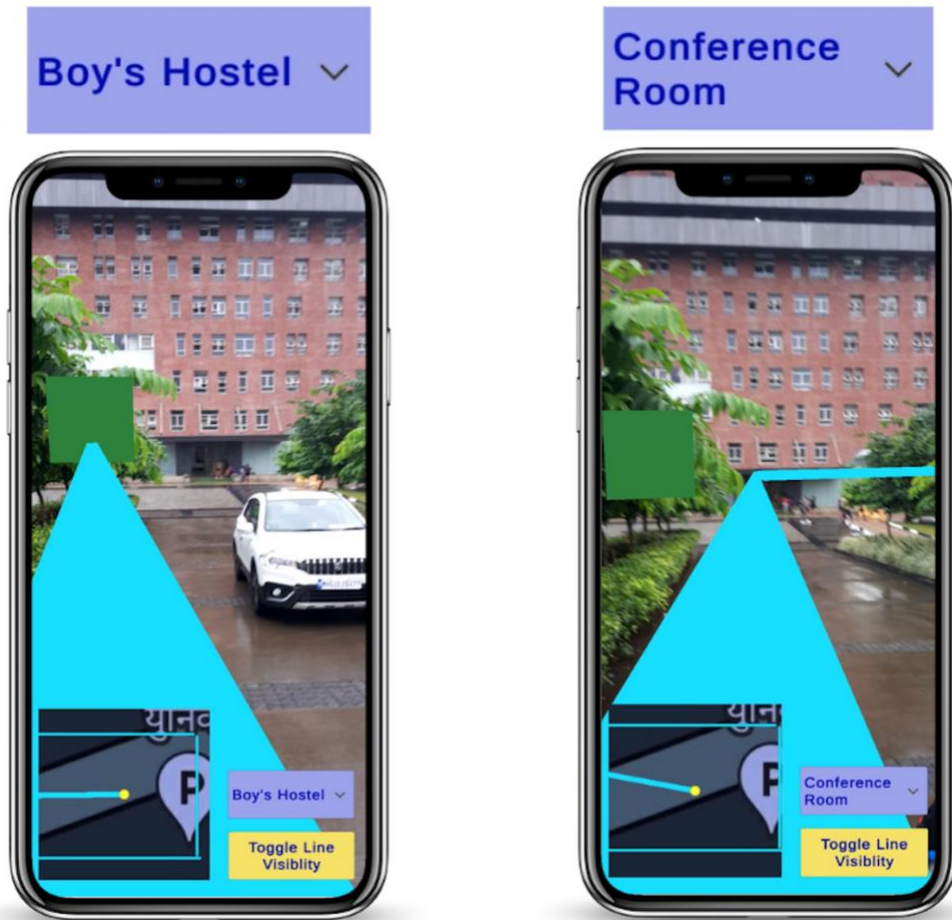
1st Price Winners

Value addition to the society:

- The application helps users save time and energy by reaching to the location they want without getting lost.
- It also makes the user more independent, as they won't have to ask anybody to give them directions, which may sometimes be confusing or difficult to remember.
- It can also be implemented in various places like Hospitals, Malls, Grocery stores, Library, etc.

Project Video & Pictures:

Video Link: View 🔗

Testing

FINAL WORK