Technical Test Duration

- **Expectations:** Complete as many outlined tasks as possible, ensuring each feature is accessible via a working URL.
- **Design Originality:** Develop a unique user interface based on the provided theme options.

Problem Statement

- **Page Requirements:** Design at least three pages according to your choice's theme.
- **User Authentication Flow:**
  - Implement a login and logout flow that interacts with a database using one of the specified backend technologies (Node.js, Python, Java, Golang).
- **Property Listing Page:**
  - Create a page where users can view detailed listings of properties for sale or rent. This data should be fetched from a database.
- **AI-Driven Property Recommendations:**
  - Implement an AI algorithm that suggests properties to users based on their browsing history and preferences, enhancing personalization.
  Note: Use Dummy data or any data from the internet.
- **Responsive Design:**
  - Ensure that the created pages are responsive on desktop and mobile devices.
- **Documentation:**
  - Produce a detailed README for the project.
- **Hosting:**
  - Deploy the project on GitHub, Heroku, or any cloud service of your choice.

Technologies

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** Java, Python, NodeJS, Golang
- **Database:** MySQL, PostgreSQL, MongoDB
- **AI/ML:** Python (TensorFlow, PyTorch) or another suitable machine learning framework

Theme Ideas

- **Urban Residential Properties**
- **Commercial Real Estate**
- **Luxury Estates**
- **Vacation Homes and Rentals**
- **Mixed-Use Developments**
- **Custom themes related to specific types of real estate**

Submission Details

- **GitHub Link:**
  - Share the hosted GitHub link containing the source code.
- **README Documentation:**
  - Update the README with project screenshots showing each output step.
  - Describe the technology stack, project architecture, and the AI features implemented.
- **Functional Guarantee:**
  - Ensure that the project is fully functional and demonstrates all specified features including AI-driven recommendations.