



WELCOME TO THE NAAN MUDHALVAN PROJECT
THE HOUSE PRICE PREDICITON

TEAM ID: NM2023TMID19767

TEAM MEM:5

TEAM DETAILS

- **TEAM LEADER: GOKULAKANNAN K**
- **TEAM MEMBER1: GOKULAKRISHNAN S**
- **TEAM MEMBER2: GURUMOORTHY K**
- **TEAM MEMBER3: KALEESHWARAN G**
- **TEAM MEMBER4: HARIHARAN B**

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	06 May 2023
Team ID	NM2023TMID19767
Project Name	The house price prediction

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	ACCESSING CHROME	USING CHROME
FR-4	MESSAGE	WHATSAPP

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Usability is a crucial aspect of a house price prediction project to ensure that users can easily and effectively interact with your system. Here are some considerations to enhance usability: <ul style="list-style-type: none">• User-Friendly Interface• Simplified Input Process• Visualizations and Graphical Representations• Explainability of Predictions• Real-Time Feedback
NFR-2	Security	Security is an important aspect to consider in a house price prediction project, especially when dealing with sensitive data. Here are some measures to ensure the security of your project:

		<ul style="list-style-type: none"> • Data Encryption • Access Control • Secure Infrastructure • Data Anonymization • Secure API
NFR-3	Reliability	<p>To ensure reliability in a house price prediction project, consider the following aspects:</p> <ul style="list-style-type: none"> • Data Quality • Robust Modeling Techniques • Model Evaluation and Validation • Addressing Overfitting • Monitoring and Maintenance
NFR-4	Performance	<p>To ensure good performance in a house price prediction project, consider the following factors:</p> <ul style="list-style-type: none"> • Data Preprocessing • Feature Selection • Model Selection and Optimization • Cross-Validation • Performance Metrics • Model Regularization
NFR-5	Availability	<p>When developing a business model for a house price prediction project, you can consider the following aspects:</p> <ul style="list-style-type: none"> • Data Acquisition • Data Preprocessing and Analysis • Model Development • User Interface or API • Monetization Strategies