

Introduction

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Welcome to Rainbow

Team metrics

Key metric #1

Updated 11 Aug 2024

ON TRACK / OFF TRACK

Key metric #2

Updated 11 Aug 2024

ON TRACK / OFF TRACK


Key metric #3

Updated 11 Aug 2024

ON TRACK / OFF TRACK

About Rainbow

Three people make up our team, and they are all pursuing computer science degrees with specific concentrations. The team members are Minh Cao, Xuan Huy Nguyen and Jacob Peter Alex. Each of team members has assigned different roles in this project

 Meet the team	
Cao Minh Student	Nguyen Xuan Huy Student
Jacob Peter Alex Student	

Project Background

- The impact of housing markets is huge on personal financial decisions, urban growth, and economic stability. With the continuous fluctuation of house prices due to innumerable economic reasons, demographic shifts, and changes in policies, the ability to correctly anticipate these changes becomes most critical for governments, investors, real estate experts, and those in search of homes. These factors are so interwoven and complicated that they call for important methods of analysis. It is the objective of this research to use machine learning techniques so as to provide enhanced forecasting of housing market trends. The idea, therefore, is to develop a system capable of accurately predicting house prices and performance from very large data volumes in real estate information by applying predictive models to them. This technology will help stakeholders plan their investments, determine the market risks, and set property values based on data.

Project Plan

Target release	25/8/2024
Document status	IN PROGRESS
Stakeholders	Icey, Cao Minh, Nguyen Xuan Huy, Jacob Peter Alex

Introduction of project

1. The origin and objective of the project

- Nowadays, the growth of the population is inevitable, and it tends to grow more over time. Population growth is a widespread occurrence observed in every nation around the globe, regardless of its level of development (According to United Nations Population Funds, 2017). Therefore, the increasing of housing demand is the outcome of the population boom. From that, people can search for homes online through various websites. However, in this digital era, many factors can affect house prices, and this can be a double-edged sword. Anyone who can seize an opportunity can have good estates at reasonable prices, in contrast, they can lose a lot of money due to buying or selling at the wrong time. Nevertheless, many people don't have the knowledge and experience of the real estate market. As a result, normal people and investors expect a tool to predict the house price for their benefit. If we take a broader perspective without considering personal interests. Not only do they expect something like that but also economists and market analysts direct their focus towards more sophisticated predictive models to protect the economy against anticipated threats that may lead to economic recessions (Park and Kwon Bae, 2015).
- Thus, our team created a friendly website using AI and ML to predict the price of houses based on user categorizes. This can be a powerful tool for predicting the price of the house over time and it can visualize the prediction helping people easily interact and understand the statistics.

2. Stakeholder requirements

- The main objective of the project is to build a website using an ML model to predict the price of a house based on a given dataset. Moreover, the website is designed simply with suitable colors and is very friendly to users. Also, it can visualize the prediction through charts and statistics and is really easy to understand.

Requirements

1. Functional Requirements

Requirement	Description
Data collection	The data is collected from various open-source dataset or puclic available API.
Data preprocessing and cleaning	The data collected from open-sources has to be processed to ensure the model can give a good prediction.
Predictive model	The core of the website uses an ML model or statistical method to forecast housing market based on old data.
User Input	The website allows users can enter categorizes that already listed on the website. From that, website can visualize it

Downloadable report	The website can provide the visualization of statistics and charts as pdf files.
Data visualization tools	The website can visualize the prediction through charts or statistics

2. Non-Functional Requirements

Requirement	Description
Usability	The website is friendly and designed with colors selected from Analogous Color Scheme. Moreover, the website should be responsive to adapt with other screen ratios.
Performance	The website works on the local host, so it can only work on local device
Scalability	This project can't scale out or in because it works on the local host
Data privacy	The website can only work on local host, so other devices can't access. Therefore, the data can't be leaked directly
Reliability	When the website encounters an error, only the page shows error will shut down, but others work normally.

Project Scope Statements

Detailed Description

- This project aims to develop a website with AI and ML integrated to predict housing market trends. The website utilizes historical data from out-sources, typically Kaggle. Furthermore, it uses the attributes that play a crucial role in affecting prices such as address, rooms, and garage,.... From that, the data can be combined with an ML model like LSTM or regression to give a precise outcome. The website allows users to search the price of the house by location or enter categorizes to visualize the prices of houses based on the categorizes. The project's main goal is to create a powerful tool for both experienced people and novices to grab the future housing market trends.

Deliverables

- Website interface: A friendly website GUI with a responsive design that is accessible on both desktop and mobile.
- Data preprocessing: The data is collected and saved in CSV format. From that, it can be preprocessed for handling NaN value, scaling features, normalizing, removing noise, and transforming data.
- Predictive model: The project can use LSTM or regression model to predict.
- Data visualization: Utilizing the Python library to visualize the prediction through the chart. From that, it can be presented on the website.
- Documentation: The report includes the whole progress of the team from week 1 to week 4.

Assumptions

- The historical data collected from public sources is reliable.
- Users can understand how the housing price changes over time.
- The model can give the best result to give a good prediction.
- Users can use and interact with the website smoothly.

Constraints

- The website can only work on the local host, as a result, it can't scale in, scale out, and handle too many people at the same time.
- The website can't update the data in real-time.
- The page of the website can shut down if errors are encountered.

WBS

- WBS chart link: [WBS chart.drawio](https://drawio.com/WBS-chart)

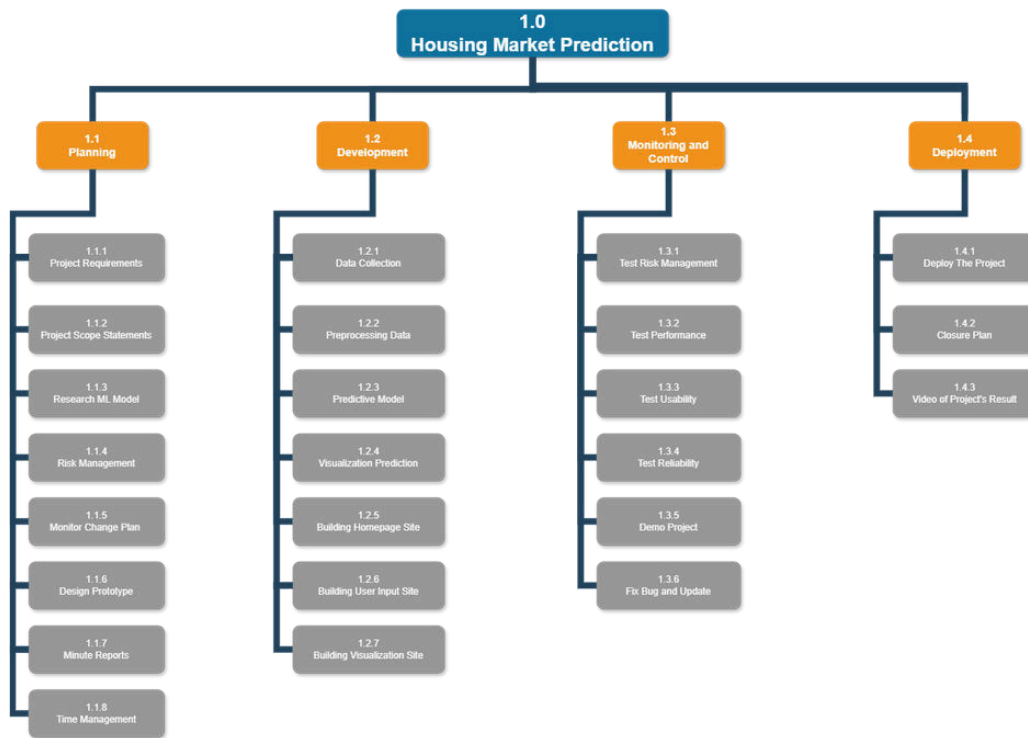


Figure 1: The image shows the WBS chart of the housing market prediction project

WBS dictionary

Level	WBS code	Task Name	Description	Responsible	Start Date	End Date
1	1.0	Housing Market Prediction	The title of the project	Rainbow team	29/7	27/10
2	1.1	Planning	Initializing the project and giving the requirements	Rainbow team	29/7	25/8
2	1.2	Development	Coding the project both interface and back-end	Rainbow team	25/8	7/10
2	1.3	Monitoring and Control	Test the website by the conditions listed along with fixing bugs and updating it	Rainbow team	7/10	14/10
2	1.4	Deployment	Deliver the product to the client	Rainbow team	14/10	27/10
3	1.1.1	Project Requirements	Deliver the report containing all requirements for the project based on the client's demands.	Cao Minh	29/7	31/7
3	1.1.2	Project Scope Statements	Deliver the report containing the features of the project and the constraints of the team. The scope includes both technical and business problems.	Cao Minh	29/7	31/7

3	1.1.3	Research ML Model	Acquire the nature of the ML model to determine which model suitable for the project	Rainbow team	19/8	25/8
3	1.1.4	Risk Management	A list of issues may happen when starting the project and how to handle them.	Cao Minh	12/8	14/8
3	1.1.5	Monitor Change Plan	A record of changes in the team's working progress	Jacob Peter Alex	18/9	22/8
3	1.1.6	Design Prototype	A prototype of the website interface	Nguyen Xuan Huy	12/8	18/8
3	1.1.7	Minute Reports	Minute notes contain issues of project, solution and future plans	Nguyen Xuan Huy	29/7	25/8
3	1.1.8	Time Management	The report shows the time and milestone of both tasks and project	Cao Minh	5/8	7/8
3	1.2.1	Data Collection	The data collected from kaggle which is the price of house in Melbourne	Nguyen Xuan Huy	26/8	28/8
3	1.2.2	Preprocessing Data	The data is preprocessed by handling NaN value, scaling features, normalizing, removing noise, and transforming data	Jacob Peter Alex	29/8	1/9
3	1.2.3	Predictive Model	The predictive model is LSTM which is a DL model giving a good prediction	Cao Minh	2/9	6/9
3	1.2.4	Visualization Prediction	The prediction chart shows housing price over time. It is visualized by using matplotlib library in Python	Cao Minh	7/9	8/9
3	1.2.5	Building Homepage Site	The homepage site has navigation bar and introduction of our team and project. The website is coded with React.js	Nguyen Xuan Huy	9/9	15/9
3	1.2.6	Building User Input Site	The User Input site has the input bar, so user can enter categorise. Then, the page sends queries to system to process. The website is coded with React.js	Jacob Peter Alex	9/9	15/9
3	1.2.7	Building Visualization site	The visualization site has the prediction chart and download button to download the report of prediction chart. The back-end of website is coded with Python. The front-end of website is coded with React.Js	Cao Minh	9/9	22/9

3	1.3.1	Test Risk Management	Test the risks may happened on website and error handling	Cao Minh	23/9	29/9
3	1.3.2	Test Performance	Test the website can run when amount of input being loaded and the latency of the website	Nguyen Xuan Huy	23/9	29/9
3	1.3.3	Test Usability	Test the interface of the website and its responsive ability	Jacob Peter Alex	23/9	29/9
3	1.3.4	Test Reliability	Test the website can run smoothly in a specified time	Nguyen Xuan Huy	23/9	29/9
3	1.3.5	Demo Project	Deliver the demo of the website to the client	Rainbow team	30/9	3/10
3	1.3.6	Fix Bug and Update	Fix the bugs of the website, update more features and change based on client's demand	Cao Minh	4/10	20/10
3	1.4.1	Deploy the Project	Deliver the final product to client	Rainbow team	21/10	26/10
3	1.4.2	Closure Plan	A report to ensure all the requirements are completed and meet the acceptance criterias	Jacob Peter Alex	23/8	25/8
3	1.4.3	Video of Project's Result	Deliver the video showing the product's results	Rainbow team	27/10	27/10

Time Management

🔍 Estimation Techniques

- Estimation techniques play an essential role in managing a team, especially in software products. Project Management is the systematic application of expertise, competencies, methodologies, and strategies to anticipate tasks necessary for fulfilling project specifications. This is achieved through the appropriate implementation and amalgamation of various project management principles (According to Project Management Institute, 2017). Therefore, applying techniques such as three-point estimating and bottom-up estimating will give favorable outcomes.

1. Three-Point Estimating

- This can be used to calculate the duration of each task by using the unexpected formula. The three-point estimating gives a wide range of benefits improving task scheduling, risk minimization and prioritization, expense reduction, and strategic planning (Reshi. A.J. 2023). Therefore, the estimating formula can give a good prediction in the duration of each task even if the task may get the worst case. Thus, it is a powerful tool for managing team progress

2. Bottom-Up Estimating

- The nature of the estimating technique is breaking down all the requirements into specific tasks and assigning them to each team member. The bottom-up approach primarily engages the entire project team, indicating that team members can participate more actively (Filev. A, 2018). This can create an enormous benefit because every team member can participate in making decisions, executions in the project's progress and become more creative and proactive in each task. Moreover, Hopkinson points out that bottom-up can become more practical in controlling the project, especially in risk management.

📅 Milestones

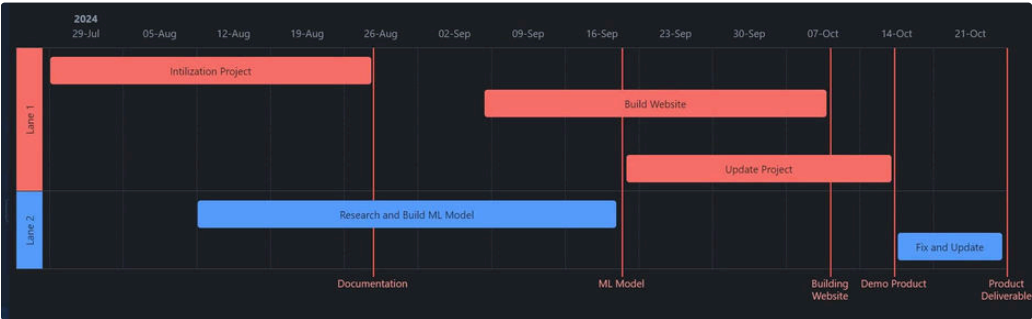


Figure 2: The image shows the milestone of the project

🚩 Activity Attributes

WBS Code	Activity Name	Predecessor	Successor	Duration	Resource Requirement	Assumption	Constraint
1.1.1	Project Requirement	None	Project Scope Statement	1 Day	Confluence	The requirements meet demands of the client	Weak at technical, so the website is not fully functional
1.1.2	Project Scope Statement	Project Requirement	None	2 Days	Confluence and Draw.io	The scope of the project meets the demands of	The website lacks of many important

						the client and the level of our team	functions relating to error handling or load amount of user access
1.1.3	Research ML Model	None	Predictive Model	7 Days	Google	Determine a suitable model for prediction	Weak at technical, so spending a lot of time to research
1.1.4	Risk Management	None	None	1 Day	Confluence	List all possible risks that can be encountered and the report meets the right format	
1.1.5	Monitor Change Plan	Project Scope Statement	None	2 Days	Confluence	All the changes are acceptable and suitable for the project	Some tasks have to be verified by the client and this can take a while
1.1.6	Design Prototype	Project Scope Statement	None	1 Day	Figma	The prototype delivers a good visual and ensures the client knows what features in the website	
1.1.7	Minute Reports	None	None	1 Day	Confluence	All the issues and task in minute reports are finished	
1.1.8	Time Management	Project Scope Statement	None	1 Day	Confluence and Jira	All the tasks are completed in time	
1.2.1	Data Collection	None	Preprocessing Data	1 Hour	Kaggle	The data collected from reputable sources and contain all the vital features that significantly relate to housing price	The public data may not have key features that play a crucial role in determining the housing market trend
1.2.2	Preprocessing Data	Preprocessing Data	Predictive Model	2 Hours	Python and Kaggle	The data is processed very	

						clean and doesn't get the value error	
1.2.3	Predictive Model	Preprocessing Data, Research Model	Visualization Model	2 Days	Python	The model is built smoothly and well-fine-tuned	The model may not predict well because the housing market trend is affected by numerous external factors
1.2.4	Visualization Prediction	Predictive Model	None	2 Hours	Python	The prediction chart shows a good visualization and intuitive	
1.2.5	Building Home Site	None	None	2 Days	React.Js	The home page meets all the demands of requirements	The website lacks functionality
1.2.6	Building User Input Site	None	None	2 Days	React.Js	The user input page meets all the demands of requirements	The website lacks functionality
1.2.7	Building Visualization Site	Predictive Model	None	3 Days	React.Js and Python	The visualization page meets all the demands of requirements	The website lacks functionality
1.3.1	Test Risk Management	Building Website Section (Building Home Site, Building Input Site, Building Visualization Site)	None	1 Hour	Xampp	The website can pass all the risk cases	
1.3.2	Test Performance	Building Website Section (Building Home Site, Building Input Site, Building Visualization Site)	None	1 Hour	Xampp	The website can run smoothly on local host	

1.3.3	Test Usability	Building Website Section (Building Home Site, Building Input Site, Building Visualization Site)	None	1 Hour	Xampp	The website interface is user-friendly and compatible with different device screens	
1.3.4	Test Reliability	Building Website Section (Building Home Site, Building Input Site, Building Visualization Site)	None	1 Hour	Xampp	The website can run smoothly in a specific period of time and ensure all the functions can work well	
1.3.5	Demo Project	Test Section (Test Risk Management, Test Performance, Test Usability, Test Reliability)	Fix Bug and Update	2 Hours	Xampp	The project works well and there are no errors or minor errors	
1.3.6	Fix Bug and Update	Demo Project	Deploy The Project	2 Days	Python and React.Js	All the bugs are fixed and pass all test cases	
1.4.1	Deploy The Project	Deploy The Project	Video of Project's Result	1 Day	Xampp	Deliver a good product to the client without getting any problems	Weak at technical, so the website is not fully functional
1.4.2	Closure Plan	None	None	1 Day	Confluence	All the tasks are checked and completed	
1.4.3	Video of Project's Result	Deploy The Project	None	3 Hours	Camera and Discord	The video has high quality and shows all the features of the website	

Develop Schedule

1. Gantt Chart

- Gantt chart link: <https://cos30049project.atlassian.net/jira/software/projects/KAN/boards/1/timeline>

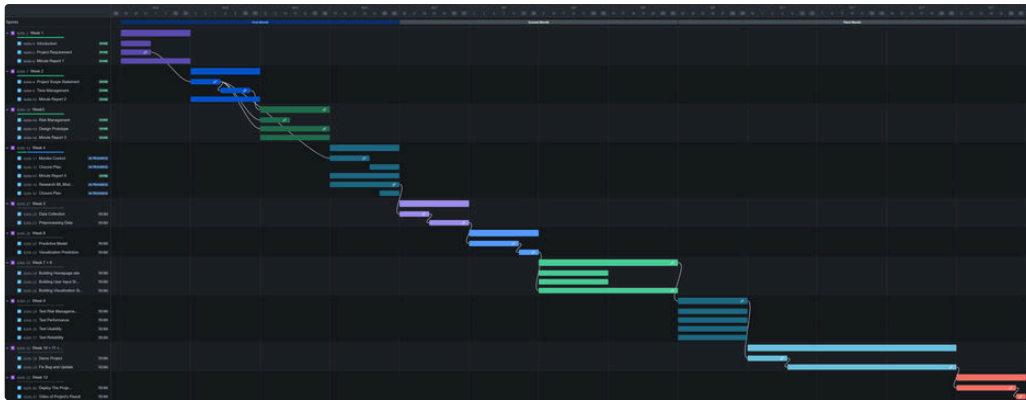


Figure 3: The image shows the Gantt chart

a. Gantt Chart First Month

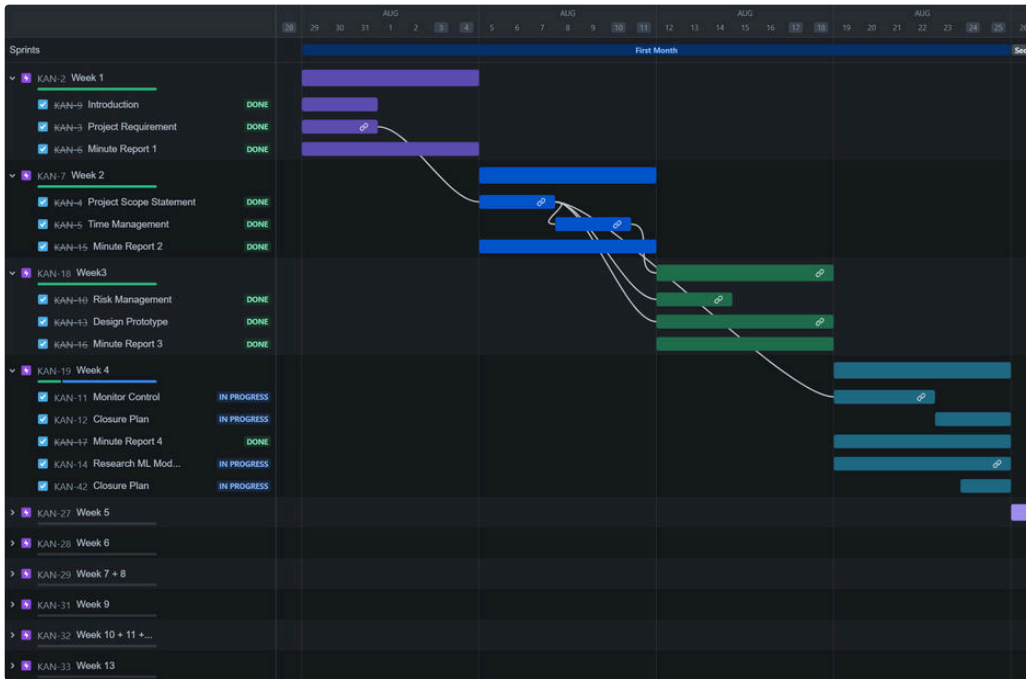


Figure 4: The image shows the Gantt chart first month

b. Gantt Chart Second Month

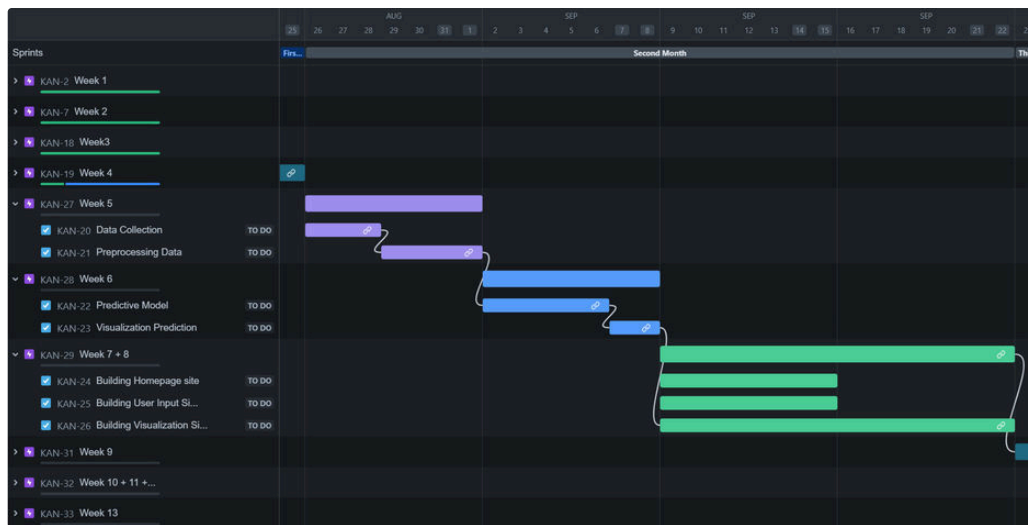


Figure 5: The image shows the Gantt chart second month

c. Gantt Chart Third Month

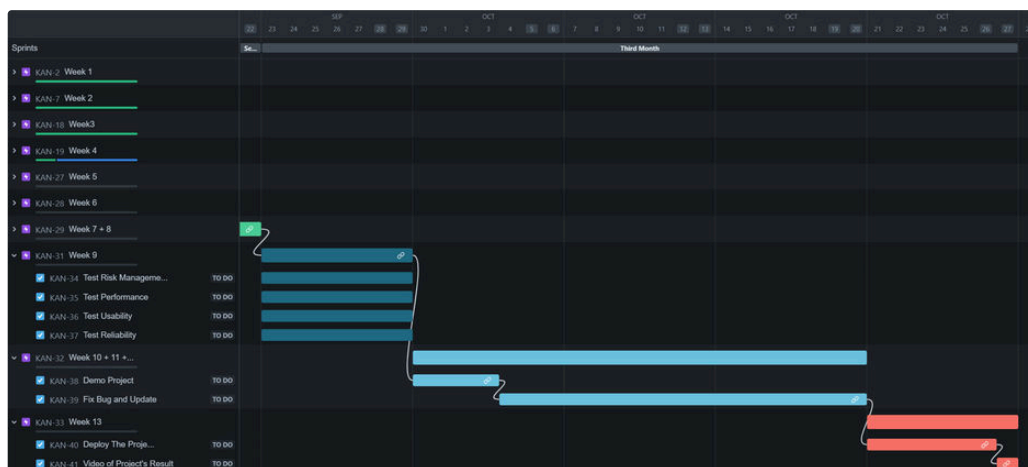


Figure 6: The image shows the Gantt chart third month

1. Critical Path Method

- Critical Path link: [Critical Path Method.drawio](#)

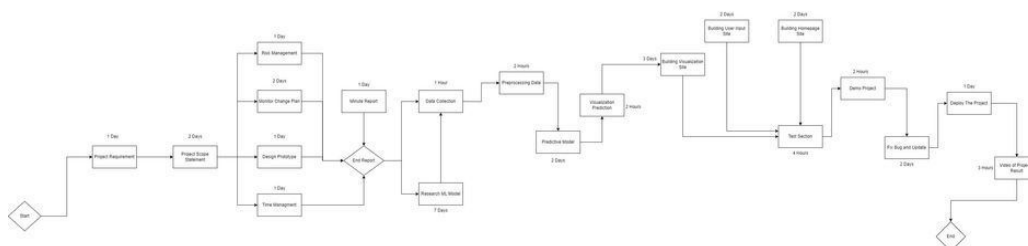


Figure 7: The image shows the critical path method

- There are 3 paths
- Path A (9 days): Project Requirement - Project Scope Statement - Risk Management, Monitor Change Plan, Design Prototype, Time Management - End Report
- Path B (21.5 days): Project Requirement - Project Scope Statement - Risk Management, Monitor Change Plan, Design Prototype, Time Management - End Report - Data Collection - Preprocessing Data - Predictive Model - Visualization Prediction - Building Visualization Website (2 independent factors: Building User Input Site Building Homepage Site) - Test Section - Demo Project - Fix Bug and Update - Deploy The Project- Video of Project's Result

- Path C (28.5 days): Project Requirement - Project Scope Statement - Risk Management, Monitor Change Plan, Design Prototype, Time Management - End Report - Research ML Model - Data Collection - Preprocessing Data - Predictive Model - Visualization Prediction - Building Visualization Website (2 independent factors: Building User Input Site Building Homepage Site) - Test Section - Demo Project - Fix Bug and Update - Deploy The Project- Video of Project's Result

==> Path C is chosen because it is the path with the most dates

Risk Management

Background

- Risk management plays a vital role in managing projects to avoid and handle issues the project may encounter during launch. The constraints in project development methods can be avoided, transferred, impacted, and reduced likelihood risks through a risk management process using a structured approach (Risk Management Standard AS/NZS 4360, 1999). Therefore, the risk registration plan can list most of the risks that can be encountered. From that, we can avoid those risks or address these issues with less impact.

Risk Assessments and Response Planning

Risk Identification	Likelihood	Impact	Priority	Action	Responsible
Scheduling Conflicts	Medium	Medium	Medium	Discuss and schedule tasks to suit with member's time	Cao Minh
Misaligned Stakeholder Expectations	Low	High	High	Discuss with stakeholders and change the requirement plan	Cao Minh
Team Member Conflicts	Medium	Medium	Medium	Open an offline meeting to discuss team member's issues and find the solution	Nguyen Xuan Huy
Technology Limitations	High	Medium	Medium	Research on internet or team member can discuss issues on Discord	Cao Minh
Poor Data Quality	Medium	High	Medium	Check the dataset's licenses to ensure the credibility	Jacob Peter Alex
Poor Data Preprocessing Technique	Low	High	High	Print out the dataset to check or check each problem the dataset may get (NaN value, ...)	Nguyen Xuan Huy

Poor Accuracy ML Model	Medium	High	High	Investigating issues that ML model may get such as overfitting, underfitting,... From that, fine-tune the model's parameters. If it don't work, change the model	Cao Minh
Complex Usability	Medium	Medium	Medium	Change the website's interface and make it more simple	Nguyen Xuan Huy
Product Delivery Delay	Medium	High	High	Using estimation technique to calculate task's duration to ensure every task can be completed in time	Jacob Peter Alex
Programming Language Crossover Issues	High	High	High	Using microservice architecture to use 2 different languages in 1 project	Cao Minh

Risk Monitoring and Control

Week	Monitor and Control			
	Date	Issues	Trigger Point	Communication
Week 1	2/8	Nguyen Xuan Huy didn't participate in the workshop to get the contact	Nguyen Xuan Huy is busy with family matters	Cao Minh emailed him by using student email to get contact
	3/8	A team member did the wrong requirements for the week 1 task	The team member didn't clarify the idea	Our team held an online meeting to clarify and Cao Minh explained

				the main idea of this project
Week 2	9/8	The product requirements are misunderstood with the client's demand	Our team didn't clarify the idea	Our team discussed with the client (Ms Icey)
Week 3	14/8	The scope statement does not cover all of the client's demand	The requirement missed the website part	Our team discussed with the client (Ms Icey)
	15/8	The risk management report is wrong	The risk management has only the risk identifications	Cao Minh added the risk monitor and control part
	17/8	The monitor control hasn't been completed	Jacob Peter Alex is busy	Jacob Peter Alex notified on Discord and our team decided to extend the deadline
Week4	21/8	Struggle in installing essential tools for machine learning	The anaconda takes too much time to load	Jacob Peter Alex discussed with the Ms Icey to use another virtual environment

Monitor Control

Overview

- Monitoring and controlling in project management are vital processes that guarantee the achievement of project objectives. By diligently tracking progress, spotting issues promptly, and making well-informed decisions, these activities aid in ensuring alignment with project goals. They also facilitate effective change management, control over critical variables, and improved communication with stakeholders. Ultimately, monitoring and controlling ensure that the project remains on course, within scope, time, and budget, resulting in successful completion and delivery of the intended value.

Change Control Board

- Project Leader: Cao Minh
- Front-End Engineer: Nguyen Xuan Huy
- Back-End Engineer: Jacob Peter Ale

Change Log

Change Request ID	Date Of Request	Change Description	Requester	Impact Summary	Status	Decision Date	Decision Made By	Notes
CR-001	3/8/2024	Add more requirements into the project plan	Cao Minh	Add more requirements to ensure meet all client's requirements	Approved	4/8/2024	CCB	Discuss in the discord
CR-002	9/8/2024	Fix the product requirement because it is wrong with the client's demand	Nguyen Xuan Huy	The product requirement meets the client's demand	Approved	10/8/2024	CCB	Discuss in the discord and the client
CR-003	14/8/2024	Add more features to the website	Cao Minh	The added features cover all of client's demands	Approved	15/8/2024	CCB	The project plan and project scope statement meet all the client's demand
CR-004	15/8/2024	Change the format of risk management report	Jacob Peter Alex	The format is right with the format on canvas	Approved	16/8/2024	CCB	Discuss in the discord
CR-005	17/8/2024	Assign Cao Minh to complete the monitor control	Nguyen Xuan Huy	Ensure all reports can be completed in time	Approved	18/8/2024	CCB	Discuss in the discord

		because Jacob Peter Alex is busy						
CR-006	24/8/2024	Change the dataset	Cao Minh	The new dataset is more credibility and trustable	Pending	Soon	CCB	Discuss in the discord

Closure Plan and Acceptance Criteria

Closure Plan

1. Project Deliverable

- A fully functional website that can predict housing market trend
- The prediction can be exported as a PDF for further investigating
- A user-friendly interface using "simple" is a style
- An ML model that can give a good result

Acceptance Criteria

Scenario	Given	When	Then
Display different web pages	I am a user and want something to move from this page to other pages	I enter a page on the navigation bar	The system directs user to the page that the user presses
Search Housing Market Trend in different places	I am a user and want to buy a house and refer house prices in different locations	I enter a search bar and fill in the address that want to refer	The system will visualize a prediction chart that shows all of houses in this location
Search House Price based on the house's feature	I am a user and consider price of a house with 3 bedrooms or 2 bedrooms	I enter the filter and the categorizes display and click on the 3-bedroom option	The system will visualize a prediction chart that shows all of the houses with 3 bedrooms in the location selected
Credibility of Team	I want to check is this web credibility to trust the prediction	I enter the homepage on the navigation bar or the logo	The system directs the user to the homepage and shows all the information of our team
Export prediction to a PDF	I want to print this prediction to investigate further	After I make a prediction on the website, I press the Export button	The system will send the user a PDF file that contains the prediction chart

Explanation of the Design

Prototype Link

Design Link:  [Figma basics](#)

Design Dev Link:  [Figma basics](#)

Homepage

Clarity and Simplicity

- The homepage has a simple design, clean with minimalism, which emphasizes the main service: **Housing Price Prediction**.
- The straightforward call to action, "**Search For House**," makes the user's task clear, reducing cognitive load and making the interaction easier.

Visual Hierarchy

- The title "**Housing Prices Prediction**" is prominently placed at the top, followed by a call-to-action button.
- This design guides the user's eye naturally through the page, ensuring they read the content in an intended order.
- The images below add visual interest without cluttering the page.

Consistency

- The homepage uses similar fonts, colors, and layout elements, contributing to a cohesive experience.
 - This consistent design reinforces the brand identity and ensures a seamless user experience.
-

Categories Page

Searchability and Filters

- Users can quickly find relevant information by entering a **postcode or suburb** into the search bar at the top of the page.
- The "**Filter**" button allows for refining search results, aligning with the principle of offering users control over their navigation.

Data Visualization

- Charts representing **house price trends** across various regions (e.g., Melbourne, Sydney) are used to present complex data in a visually effective and simple manner.
 - The **clickable cards** for more details align with the principle of **progressive disclosure**, where details are revealed as needed, keeping the interface clean while providing depth when required.
-

Prediction Page:

Feedback

- The charts provide intuitive feedback on **house prices in Melbourne**, helping users quickly understand the information.
- The "**Export**" button allows users to export the displayed data into a PDF document. This functionality enables users to save, share, or further analyse the information in a portable and convenient format.

Consistency

- The layout and design elements on the Prediction Page are consistent with other pages, ensuring a seamless user experience across the site.

Search Page

Flexibility and Efficiency

- The filtering options for **property type, bedrooms, bathrooms,** and **car park spaces** allow users to tailor search results to their specific needs.
- This design makes the tool both flexible and efficient, catering to a variety of user preferences and requirements.

Error Prevention

- The use of drop-down menus for selecting **minimum and maximum values** helps prevent user errors, such as entering an invalid range, ensuring a smooth interaction process.

Clear Labels

- Labels such as **“Property Type”** and **“Bedrooms”** are clear and easy to understand, making it simple for users to interact with the filters.

First Minute

✔ Open action item

Meeting No: 01

Location: Campuss

Meeting Start Time: 18:30pm

Meeting minutes

Matters arising from minute

Issues raised	Discussion	Outcome
1. Form a group 2. Pick a comunication app 3. Create a requirement report	1. Introduce ourselve 2. Get each other contact during our workshop 3. Dicuss about the topic	1. Got a group of 3 2. We are using discord 3. We picked Housing Market and went throught all the requirements

Meeting closed at: 20:30pm

Next meeting time, date, and location: 18:30pm 09/08/2024, campus/discord

Second Minute

✔ Open action item

Meeting No: 02

Location: Campuss

Meeting Start Time: 18:30pm

📝 Meeting minutes

Matters arising from minute

Issues raised	Discussion	Outcome
1. Project Scope 2. Time Management 3. Minute Report	1. Discuss about our limitation of technology and information that we can and cannot use. 2. Our meeting times 3. What to write in the Minute report	1. Finalised and selected the app/websites 2. 18:30pm every Saturday

Meeting closed at: 20:30pm

Next meeting time, date, and location: 18:30pm 10/08/2024, campus/discord

Third Minute

✔ Open action item

Meeting No: 03

Location: Online

Meeting Start Time: 18:30pm

📝 Meeting minutes

Matters arising from minute

Issues raised	Discussion	Outcome
1. Risk Management 2. Design Prototype 3. Minute 3	1. The prediction model gives a bad result and is overfitting. The website can't responsive 2. Pick the website to create our prototype	1. Identified the risks and avoid it 2. Selected the website and started working on it

Meeting closed at: 20:30pm

Next meeting time, date, and location: 18:30pm 17/08/2024, campus/discord

Fourth Minute

✔ Open action item

Meeting No: 04

Location: Online

Meeting Start Time: 18:30pm

Meeting minutes

Matters arising from minute

Issues raised	Discussion	Outcome
1. Monitor Control 2. Closure Plan 3. Research ML Module 4. Minute 4	1. Discuss how we gonna note down all the changes that we gonna make in the future 2. We going to name out all the tasks and we will use it like a check list to keep track on our works. 3. Only Started so we did not know a lot about it yet.	1. We decided to use a similar format from the lecture 2. Created a google doc 3. Learned a bit about how to clean the data.

Meeting closed at: 20:30pm

References

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