

Faculty of Engineering and Technology

Project Work/Internship – Student Log Book

Project Batch ID
NWC-SC-064

Degree/ program	B.Tech/ CSE	Specialisation	Cyber Security
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Name of student	Register Number	Department	Mobile Number	Email ID
Abhijeet Senapati	RA1811030010064	CSE-SC	9150742542	As7611@srmist.edu.in
Academic Year	2021-2022	Semester	8	
Course Code	18CSP110L	Course Title	Semester Internship	

Mission Statement

This Project is intended to predict and analyse the various individual components of a given oil sample based on the bulk properties associated with it.

Working Title of the Internship:		ADVANCED REGRESSION BASED HOUSING PRICE PREDICTION MODEL	
Location		Bangalore	
Name and address of the company / organisation (Applicable for projects with industry or industry support)		Mu Sigma Pvt.Ltd, ITPL, Whitefield, Bangalore.	
Supervision Team			
	Supervisor	Co-Supervisor	External Supervisor (If applicable)
Name	Dr. S. Prabakeran	---	
Designation	Assistant Professor	---	
Department	Department of Network and Communication	---	
Campus	Kattankulathur	---	
Telephone	9042394880	---	
E-mail	prabakes@srmist.edu.in	---	

Problem (or) Product Description:

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With a growing civilization and ever-changing market demands, it is critical to be aware of industry trends. Today, the study's main focus is on predicting property values based on trends. It is critical for a person to comprehend the business trends in order for an individual to plan his or her budgetary demands. Real estate is an ever-expanding industry in an ever-expanding civilization. Understanding trends is critical for an investor to properly underwrite and expand his business throughput. Sometimes clients are duped by the agent's set-up of a phoney market rate, and the real estate market suffers as a result. These days, the industry is less transparent. With availability of dataset, it is possible for a researcher to create a model that is highly accurate. The first goal is to create a comprehensive model that benefits everyone.

Assumptions:

The main assumption taken into consideration here is that the price of real properties must be a part of the species list that contains list of all possible components.

Stakeholders:

Mu Sigma Pvt.Ltd and The Client.

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Division of work and contributors

Time period		Activities or components of the project	Name/Register Number of the Individual Contributor	Names/Register Number of the Joint Contributors
From Date	To Date			
30/01/2022	30/01/2022	Project assigned.	RA1811030010064	RA1811030010064
30/01/2022	01/02/2022	Went through the business documents to understand the demand of the project.	RA1811003010589	RA1811030010064
01/02/2022	03/02/2022	Created a problem statement for the given problem.	RA1811030010064	RA1811030010064 & Mu Sigma team
04/02/2022	06/02/2022	Figured out the optimal and best technologies required to fulfil the demands of the client.	-----	RA1811030010064 & Mu Sigma team
06/02/2022	10/02/2022	Created a blob storage for the project, and the basic backend for the project.	-----	RA1811003010589 & Mu Sigma team
11/02/2022	01/03/2022	Started working on the frontend components of the project.	RA1811030010064	RA1811030010064 & Mu Sigma team
03/03/2022	05/03/2022	Created a dummy demo application with the basic features as per the client requirements.	RA1811030010064	RA1811030010064 & Mu Sigma team
06/03/2022	1/04/2022	Started the implementation of the client feedback. Additional features and documentations were added in the application.	RA1811030010064	RA1811030010064 & Mu Sigma team
02/04/2022	04/04/2022	The application was deployed in the dev environment in Azure.	RA1811030010064	RA1811030010064 & Mu Sigma team
05/04/2022	28/04/2022	The deployed application was sent for testing extensively by the clients. Then feedbacks were implemented again.	RA1811030010064	RA1811030010064 & Mu Sigma team

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Summary record of major progress meetings with supervisors

Summary record of major progress meetings with supervisors		Working title of dissertation/research project:		
Meeting date & supervisors present	Progress since last meeting	Agreed programme of work and target dates	Other issues, e.g. facilities, supervision, training needs, etc.	Date of next meeting
3 rd Feb, 2022 Dr. M Kanchana	Prepared the introductory presentation of the Internship project which included the project description and my roles in the project and presented it in front of the panel.	Get detailed description of the roles and responsibilities in the project and along with that develop a problem statement associating the project before the next review.	None	1 st March, 2022 Onwards
3 rd March, 2022 Dr. M Kanchana	Presented the detailed description of the project along with the architecture diagram and description of my roles and responsibilities in the project.	Get the details of the technologies used along with their proper functionalities.	None	7 th April, Onwards
11 th April, 2022 Dr. M Kanchana	Presented the progress of the project and the complete the implementation along with the documentation.	Prepare the final report of the project and present the final report and submit it.	None	-----

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Worksheet / Data collection / Observation etc

For the model training the dataset used is the species dataset that is a collection of all the possible individual components any given real estate sample can have.

The clients had the developed the model and the dataset was provided by them hence, there are no detailed descriptions of the dataset available.

The model once trained on the dataset available successfully shows the predicted values of the individual components in the UI. The users can visualize the results in the form of a table as well as a graph as per their requirements.