

# VISHWAKARMA INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

<b>CAP. PROJ2 BATCH: - F1</b>	<b>CAP. PROJ 2 GROUP ID: - F3</b>	<b>ACADMIC YEAR 2020-21</b>	<b>SEMESTER-2</b>
TITLE OF PROJECT	Money Manager - Machine Learning and Chat Bot integration		
NAME OF GUIDE	Prof. (Dr.) Shailendra Rajabhau Bandewar	CP2 Group Roll Numbers: - 11, 12, 13, 14, 15, 16	

## CAPSTONE PROJECT 2\_PROGRESS REVIEW REPORT 2

INDIVIDUALLY ASSIGNED CP2 PROJECT WORK COMPLETED TILL DATE (2/3 LINES):-

GROUP MEMBER NO: - 1	ROLL NUMBER: - 11	NAME: - Vedant Millind Gokhale
<ul style="list-style-type: none"><li>- Completed the Chatbot algorithm</li><li>- Completed the Chatbot Frontend</li><li>- Working on page redirect and tutorial using chatbot</li><li>- Helped in responsiveness of the website</li><li>- Found out Research Paper for the literature review</li></ul>		
GROUP MEMBER NO: - 2	ROLL NUMBER: - 12	NAME: - Shriram Padmakar Gole
<ul style="list-style-type: none"><li>- Found out the intents i.e. the conversations for the chatbot</li><li>- Found more information which can be useful for the users</li><li>- Found out Research Paper for the literature review</li><li>- User interface checking and bug finding</li></ul>		
GROUP MEMBER NO: - 3	ROLL NUMBER: - 13	NAME: - Mitrajeet Jitendra Golsangi
<ul style="list-style-type: none"><li>- Learning about Machine Learning algorithms neural networks</li><li>- Created the chatbot backend</li><li>- Created the price prediction model using LSTM algorithm</li><li>- Integrated Chatbot with webapp</li><li>- Interactive graphs for Data visualization</li><li>- Application of changes suggested by other users in the backend</li><li>- Found out Research Paper for the literature review</li></ul>		
GROUP MEMBER NO: - 4	ROLL NUMBER: - 14	NAME: - Aayush Amol Gore
<ul style="list-style-type: none"><li>- Learning about the CSS and HTML concepts in greater detail</li><li>- Made the webapp responsive</li><li>- Incorporating the information given in the application</li><li>- Application of Changes in suggested by other users in the UI</li><li>- Found out Research Paper for the literature review</li></ul>		
GROUP MEMBER NO: - 5	ROLL NUMBER: - 15	NAME: - Ashutosh Satish Gore
<ul style="list-style-type: none"><li>- Gathering information on current project</li><li>- Creating the presentation for the mid semester and end semester review</li><li>- Found out Research Paper for the literature review</li></ul>		
GROUP MEMBER NO: - 6	ROLL NUMBER: - 16	NAME: - Kaushal Kailas Gore
<ul style="list-style-type: none"><li>- Gathering information for the project</li><li>- Done with the Literature review</li><li>- Creating the Final Research Paper (in progress)</li><li>- Found out Research Paper for the literature review</li></ul>		

Format of Progress Review Report of the Group:

Review No.: 1	CP2 Group No.: F3	Date: - 13-07-2021
<p>CP2 Progress Review Report: -</p> <ul style="list-style-type: none"><li>- The group has completed the integration of Chatbot in the website</li><li>- The complete website (excluding certain special components) are responsive and we are working on the special ones</li><li>- The LSTM prediction model is up and ready and only the integration of it remains. The plan to do the same is set in motion</li><li>- The group has overcome the previous vulnerabilities from the previous semester and also added some new features</li><li>- We have also added dynamic and responsive charts for better data visualization</li><li>- The peripheral tasks are also on track and creating the presentations and conference papers is going as planned</li><li>- This is the technical progress of the group till date</li></ul> <p>Overall Progress</p> <div><p>Progress Capstone Project 2</p><pre>graph TD; Root[Progress Capstone Project 2] --- ML[Machine Learning]; Root --- RW[Responsive Webpage]; Root --- DV[Data Visualization]; Root --- ASGI[ASGI Application]; ML --- Chatbot; ML --- Prediction; Chatbot --- NLTK[Natural Language Processing (NLTK)]; Prediction --- RRN[Recurrent Neural Networks (RRN)]; RRN --- LSTM[Long Short Term Memory (LSTM) Model]; RW --- Bootstrap; RW --- HTML[HTML, CSS, JQuery]; DV --- Plotly; Plotly --- DjangoDash[Django Dash]; ASGI --- Dash; ASGI --- Tensorflow[Tensorflow*];</pre></div>		
<p>CAPSTONE PROJECT 2 WORK COMPLETION TILL DATE OF THE GROUP IN PERCENTAGE (%): 93-96 %</p>		

HAVE YOU SHOWED THIS PREPARED CP2\_PROGRESS REVIEW REPORT TO YOUR GUIDE AND GOT IT APPROVED? (YES/NO): - YES

NAME OF CP2 GUIDE (First Name Last Name): - Shailendra Rajabhau Bandewar