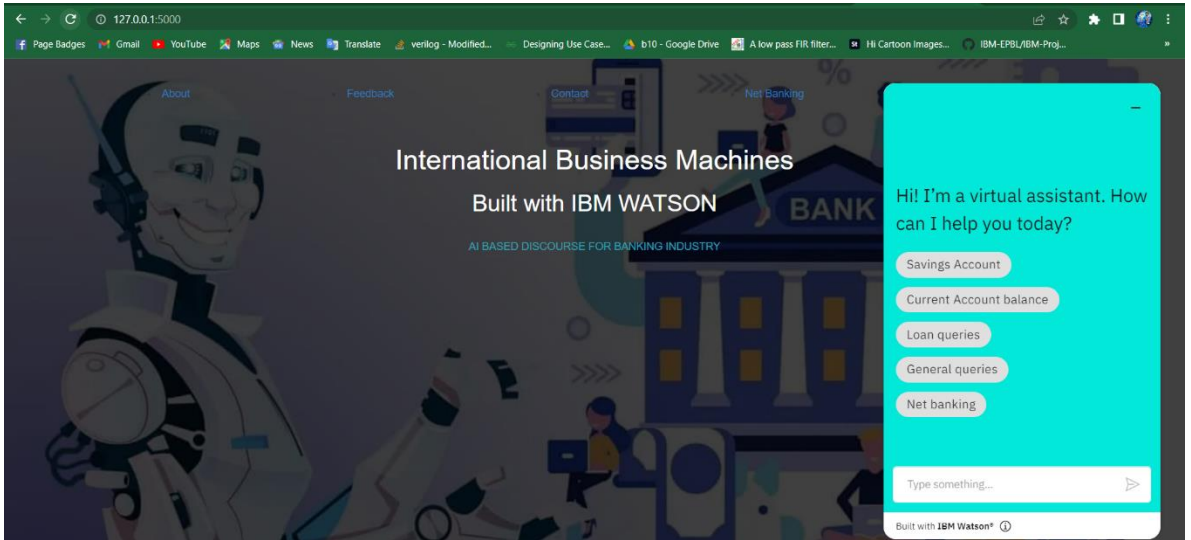


Project Development Phase Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID35942
Project Name	Project – AI BASED DISCOURSE FOR BANKING INDUSTRY
Maximum Marks	10 Marks

Model Performance Testing:

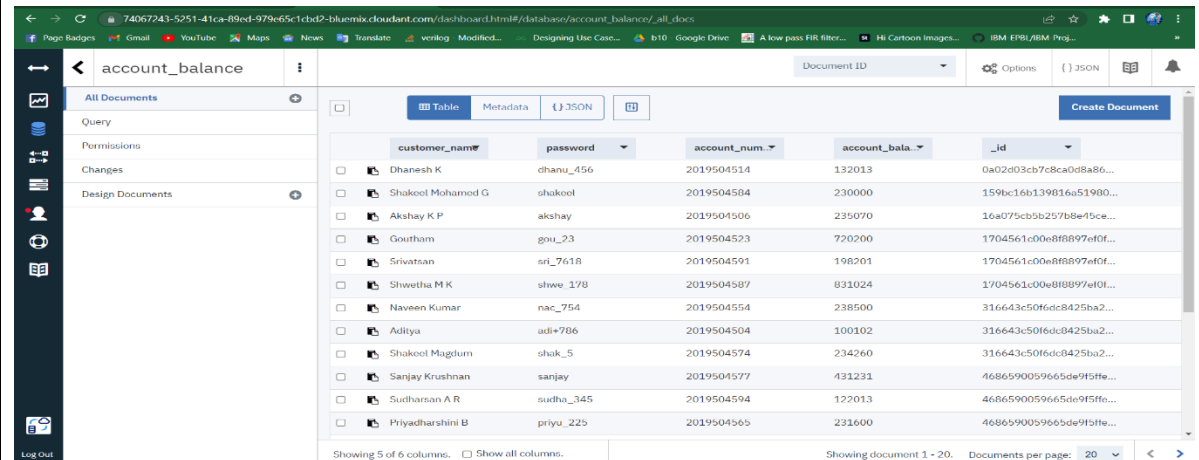
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values and features	Screenshot
1.	Model Summary	Actions provided in chatbot: <ul style="list-style-type: none"> • Savings account • Current account • Net banking • General queries • Loan queries • Offers 	HOME PAGE: 

Unique features:

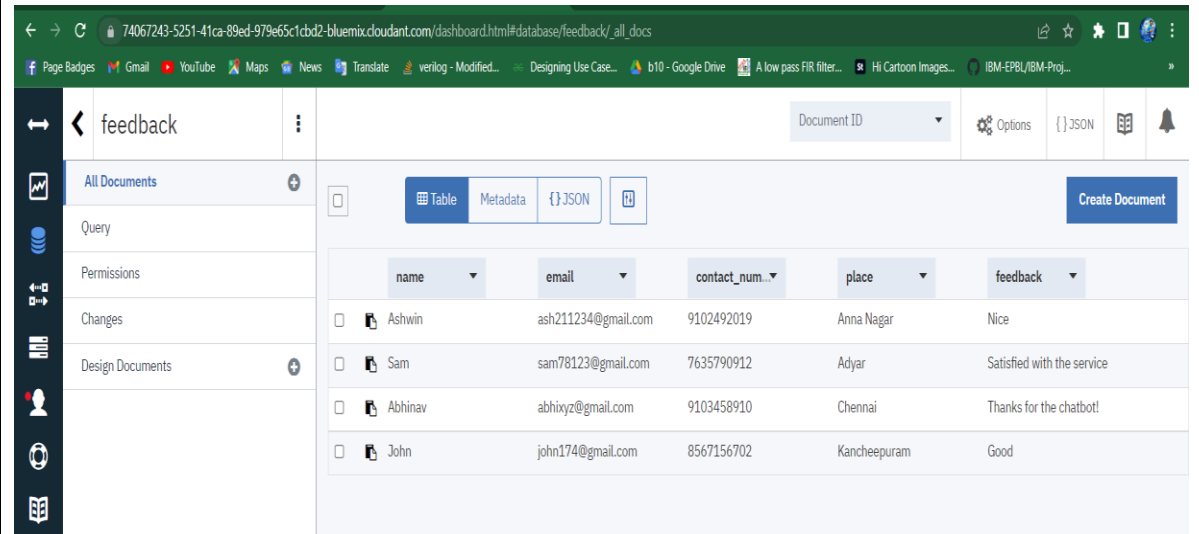
- Checking account balance after authentication.
- Storing user feedback in IBM cloudant database.
- Storing input data from net banking registration in IBM cloudant database.

DATABASE TO STORE ACCOUNT DETAILS TO VALIDATE WHEN THE USER CHECKS HIS ACCOUNT BALANCE:



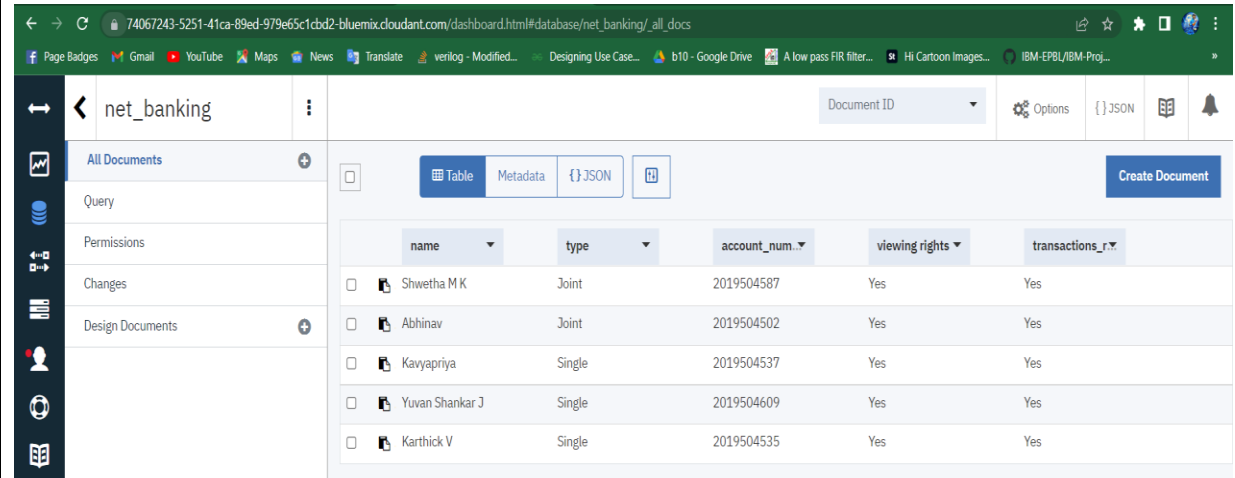
customer_name	password	account_num	account_bala	_id
Dhanesh K	dhanu_456	2019504514	132013	0a02d03cb7c8ca0d8a86...
Shakool Mohamed G	shakool	2019504584	230000	159bc16b139816a51900...
Akshay K P	akshay	2019504506	235070	16a075cb5b257b8e9f5ce...
Goutham	gou_23	2019504523	720200	1704561c00e8f8897ef0f...
Srivatsan	sri_7618	2019504591	198201	1704561c00e8f8897ef0f...
Shwetha M K	shwe_178	2019504587	831024	1704561c00e8f8897ef0f...
Naveen Kumar	nac_754	2019504554	238500	316643c50f6dc8425ba2...
Aditya	adi+786	2019504504	100102	316643c50f6dc8425ba2...
Shakool Magdum	shak_5	2019504574	234260	316643c50f6dc8425ba2...
Sanjay Krishnan	sanjay	2019504577	431231	4686590059665de9f5ffe...
Sudharshan A R	sudha_345	2019504594	122013	4686590059665de9f5ffe...
Priyadarshini B	priyu_225	2019504565	231600	4686590059665de9f5ffe...

DATABASE TO STORE USER FEEDBACK:



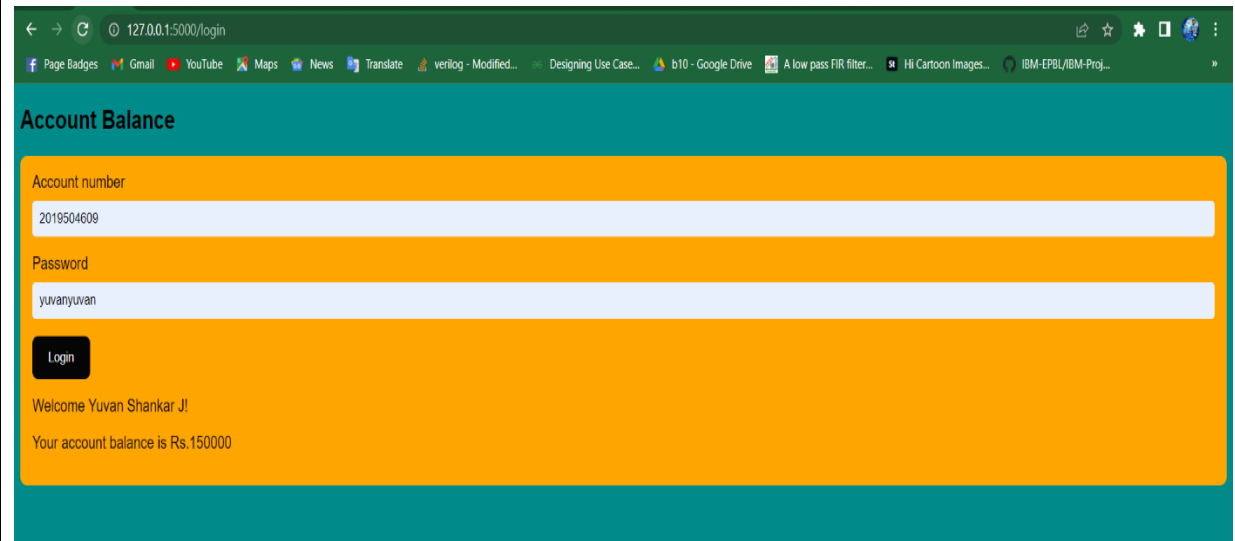
name	email	contact_num	place	feedback
Ashwin	ash211234@gmail.com	9102492019	Anna Nagar	Nice
Sam	sam78123@gmail.com	7635790912	Adyar	Satisfied with the service
Abhinav	abhixyz@gmail.com	9103458910	Chennai	Thanks for the chatbot!
John	john174@gmail.com	8567156702	Kancheepuram	Good

DATABASE TO STORE USER DATA FROM NET BANKING REGISTRATION FORM:



	name	type	account_num	viewing rights	transactions_r
<input type="checkbox"/>	Shwetha M K	Joint	2019504587	Yes	Yes
<input type="checkbox"/>	Abhinav	Joint	2019504502	Yes	Yes
<input type="checkbox"/>	Kavyapriya	Single	2019504537	Yes	Yes
<input type="checkbox"/>	Yuvan Shankar J	Single	2019504609	Yes	Yes
<input type="checkbox"/>	Karthick V	Single	2019504535	Yes	Yes

CHECKING ACCOUNT BALANCE AFTER AUTHENTICATION:



Account number

2019504609

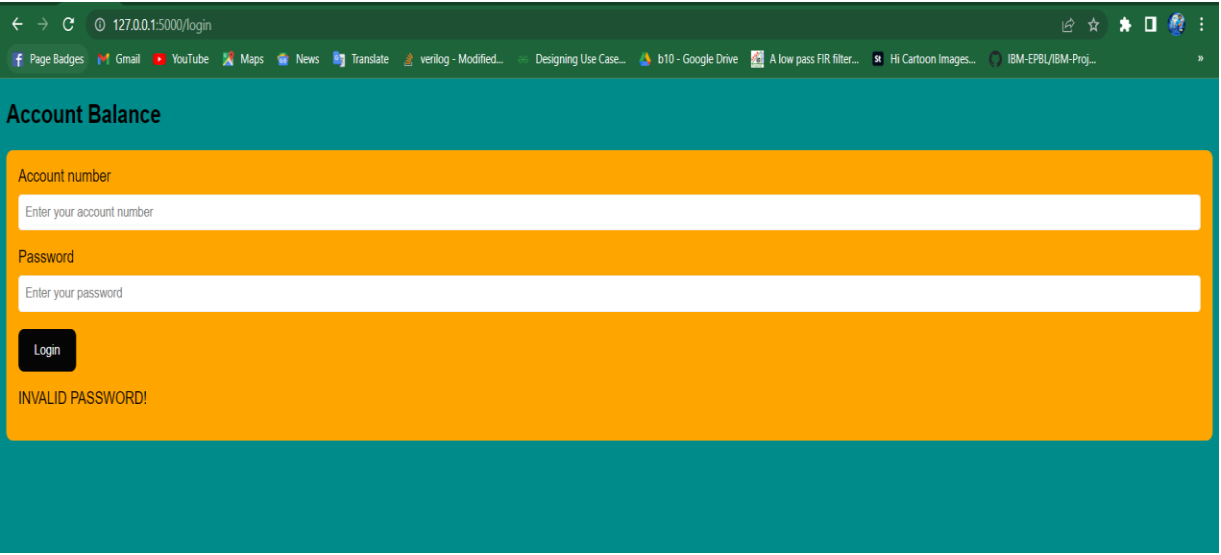
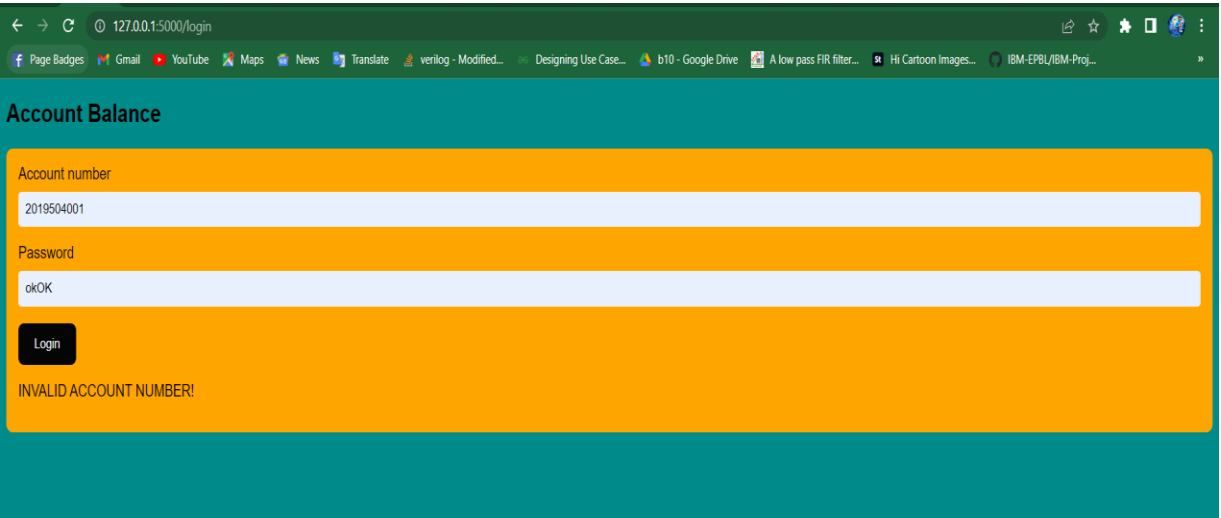
Password

yuvanyuvan

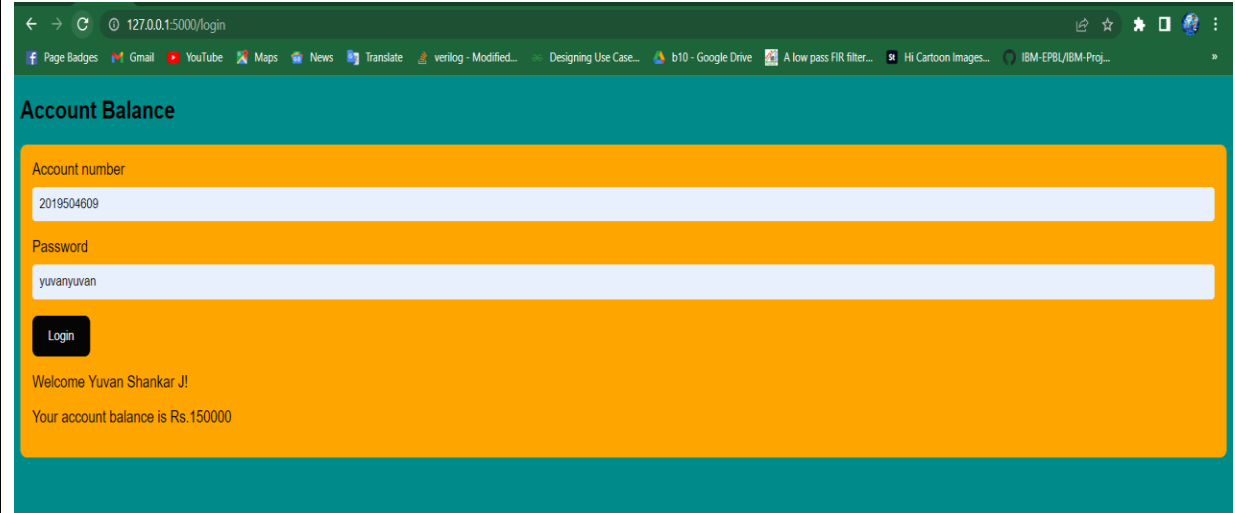
Login

Welcome Yuvan Shankar J!

Your account balance is Rs.150000

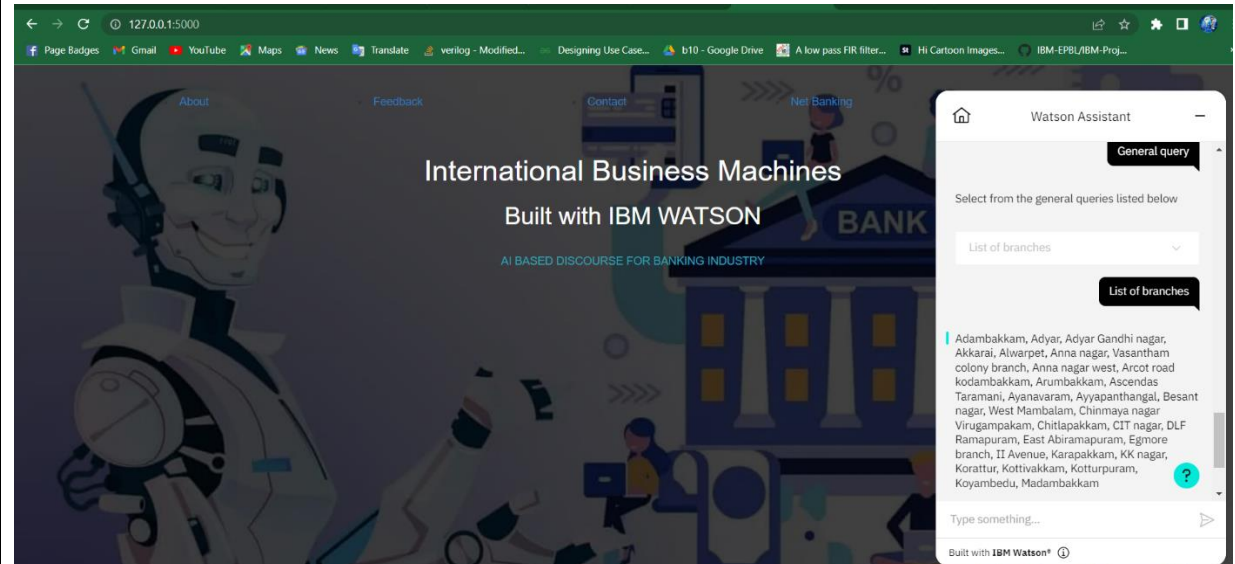
2.	Accuracy	<p>Validation of user credentials using login is done accurately by using account details in the database.</p> <p>Instant and accurate response is provided by the chatbot for all queries.</p>	<p>VALIDATION OF USER CREDENTIALS: WHEN USER PROVIDES INVALID PASSWORD:</p>  <p>The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/login'. The page has a teal header with the text 'Account Balance'. Below the header is an orange login form. The form contains two input fields: 'Account number' with the placeholder text 'Enter your account number' and 'Password' with the placeholder text 'Enter your password'. Below the input fields is a black 'Login' button. At the bottom of the form, the text 'INVALID PASSWORD!' is displayed in red.</p> <p>WHEN USER PROVIDES INVALID ACCOUNT NUMBER:</p>  <p>The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/login'. The page has a teal header with the text 'Account Balance'. Below the header is an orange login form. The form contains two input fields: 'Account number' with the value '2019504001' and 'Password' with the value 'okOK'. Below the input fields is a black 'Login' button. At the bottom of the form, the text 'INVALID ACCOUNT NUMBER!' is displayed in red.</p>
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WHEN USER PROVIDES CORRECT ACCOUNT NUMBER AND PASSWORD:



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/login'. The browser's tab bar includes several open tabs such as 'Page Badges', 'Gmail', 'YouTube', 'Maps', 'News', 'Translate', 'verilog - Modified...', 'Designing Use Case...', 'b10 - Google Drive', 'A low pass FIR filter...', 'Hi Cartoon Images...', and 'IBM-EPBL/IBM-Proj...'. The main content area has a teal header with the title 'Account Balance'. Below this, there is a large orange rectangular box containing the login form. Inside the box, the 'Account number' field is filled with '2019504609' and the 'Password' field is filled with 'yuvanyuvan'. A black 'Login' button is positioned below the password field. Underneath the orange box, the text 'Welcome Yuvan Shankar J!' and 'Your account balance is Rs.150000' is displayed.

RESPONSE PROVIDED BY THE CHATBOT FOR A QUERY FROM THE USER:



The screenshot displays a website with a dark background featuring a stylized illustration of a robot and a building. The website's main heading is 'International Business Machines', followed by the sub-heading 'Built with IBM WATSON' and the tagline 'AI BASED DISCOURSE FOR BANKING INDUSTRY'. Navigation links for 'About', 'Feedback', 'Contact', and 'Net Banking' are visible at the top. A 'Watson Assistant' chatbot window is overlaid on the right side of the page. The chatbot has a 'General query' section with a dropdown menu currently showing 'List of branches'. Below this, a list of bank branches is displayed, including Adambakkam, Adyar, Adyar Gandhi nagar, Akkarai, Alwarpet, Anna nagar, Vasantham colony branch, Anna nagar west, Arcot road, kodambakkam, Arumbakkam, Ascendas Taramani, Ayanavaram, Ayyapanthangal, Besant nagar, West Mambalam, Chinmaya nagar, Virugampakam, Chitlapakkam, CIT nagar, DLF Ramapuram, East Abiramapuram, Egmore branch, II Avenue, Karapakkam, KK nagar, Korattur, Kottivakkam, Kotturpuram, Koyambedu, and Madambakkam. The chatbot interface also includes a 'Type something...' input field and a 'Built with IBM Watson' logo at the bottom.

3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	NIL
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