

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Interactive Digital Assistant

The Capstone Experience

Team Stellantis

Shaheer Hasan

Seoungwoo Hong

Jinrong Liang

Department of Computer Science and Engineering
Michigan State University

Fall 2021



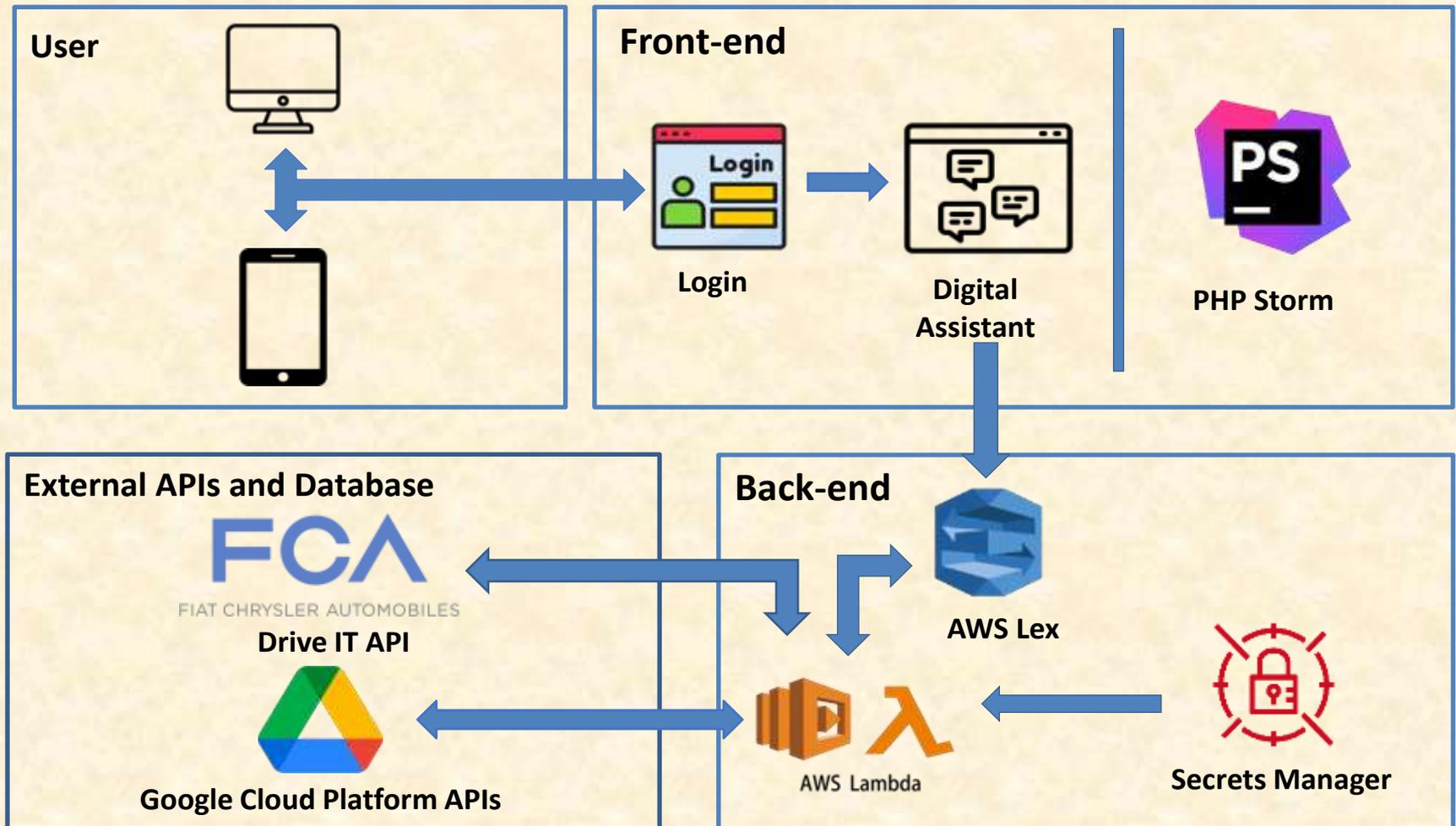
*From Students...
...to Professionals*

Project Overview

- Solves the problem of employees having to manually check the databases.
- Our project's purpose is to create a voice assistant that can respond to user's questions
- Divide project contents by user's positions or identify which part of the project is responsible to the user's position.



System Architecture



Token Creation Page

The screenshot shows a web browser window with the title 'Stellantis Token Page' and the URL 'localhost:3000/index.html?token=xyz'. The main content is a red rectangular form titled 'Token Creation Page'. Inside the form, there are three rows of input fields and buttons:

- Google Drive Code: Authenticate Google Drive
- Google Slide Code: Authenticate Google Slide
- Google Sheet Code: Authenticate Google Sheet

At the bottom of the form is a large, light pink button labeled 'Create Tokens'.



Conversation – Project Alternative Search

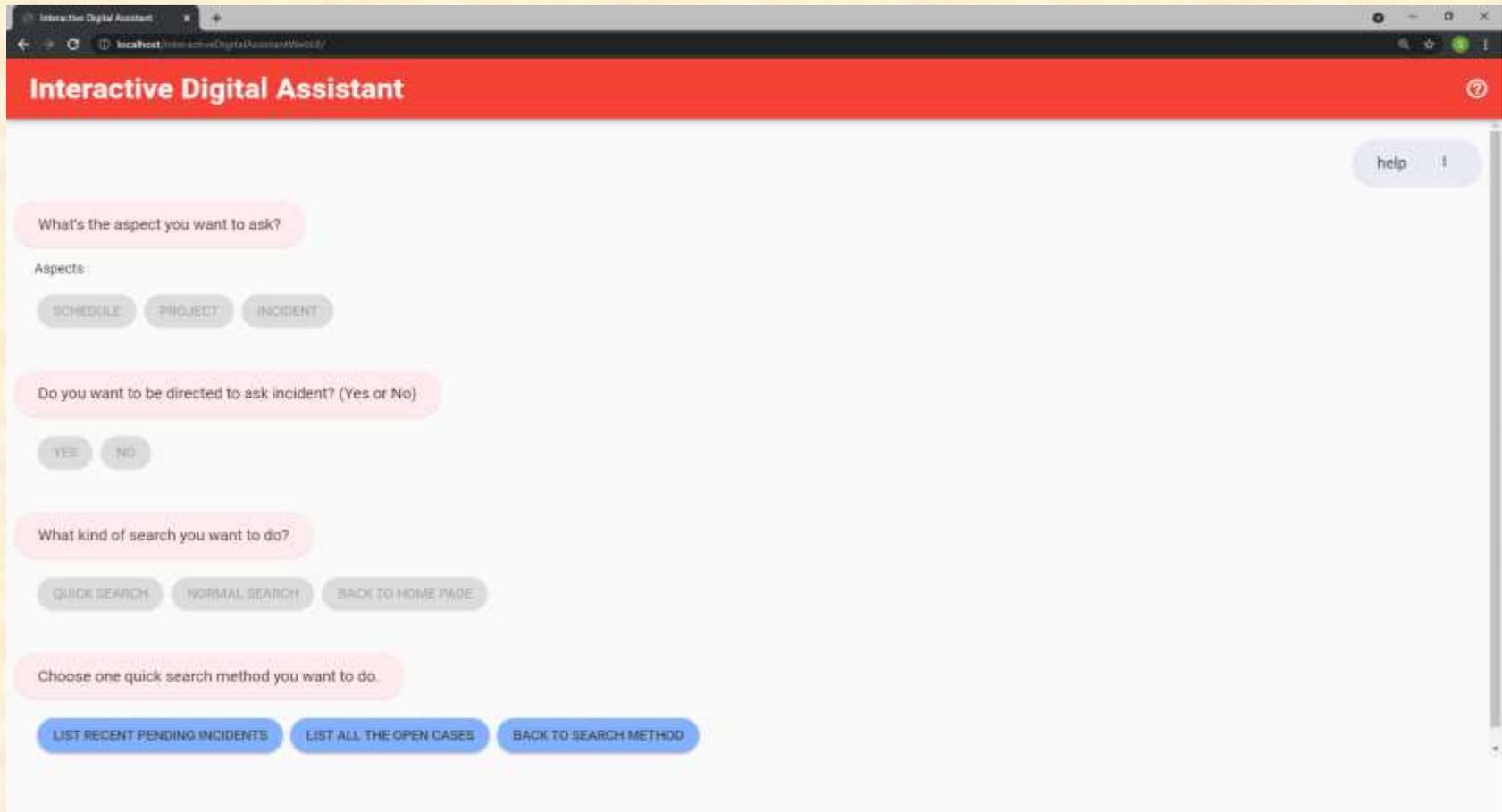
The screenshot shows a web browser window with the title "Interactive Digital Assistant" and the URL "localhost/interactive-digital-assistant/index.html". The interface features a red header with the title and a help icon. The main content area displays a conversation flow:

- User:** "I want to use alternative search for projects"
- Assistant:** "What information would you like use to search?"
- Assistant (Project Informations):** "BUSINESS OWNER FIRST NAME", "BUSINESS OWNER LAST NAME", "PROJECT OWNER FIRST NAME"
- Assistant (Project Informations):** "PROJECT OWNER LAST NAME", "PROJECT MANAGER FIRST NAME", "PROJECT MANAGER LAST NAME"
- User:** "hasan"
- Assistant:** "What project manager last name are you looking for?"
- Assistant:** "I found 1 project. Which one are you looking for?"
- Assistant (List of Projects):** "INTERACTIVE DIGITAL ASSISTANT"

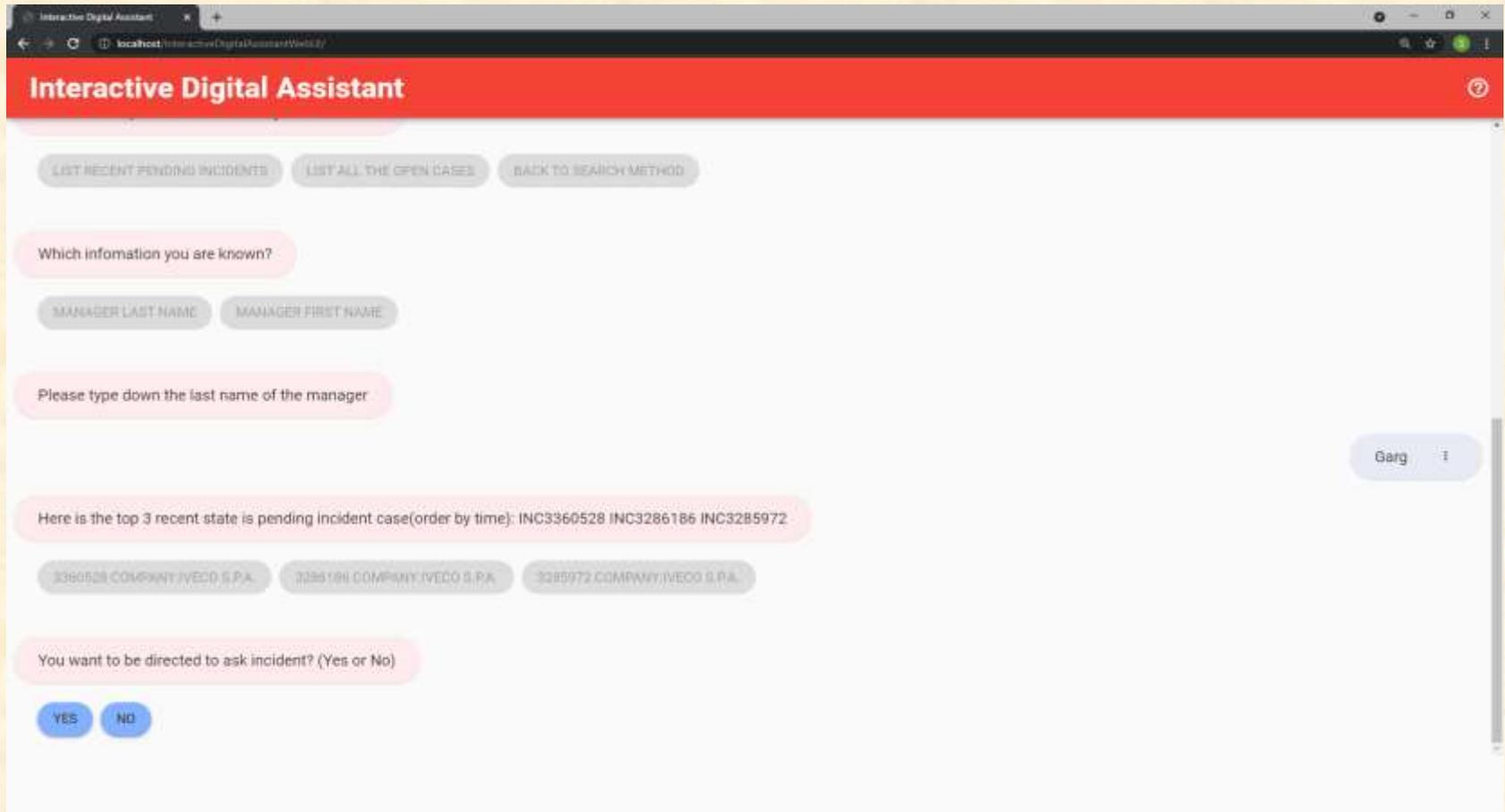
At the bottom, there is a text input field with the placeholder "Type here or click on the mic" and a microphone icon.



Conversation - Incident Alternative Search



Conversation - Incident Alternative Search



Conversation - Calendar

The screenshot displays a web browser window with the title "Interactive Digital Assistant". The interface features a red header bar with the title and a help icon. Below the header, a chat interface shows a series of user prompts and system responses. The user prompts are in light blue bubbles, and the system responses are in light pink bubbles. The system responses provide calendar information for today, tomorrow, and an upcoming meeting on Tuesday, 2021. The chat ends with a message stating "You do not have any upcoming schedules." At the bottom, there is a text input field with a microphone icon.

Interactive Digital Assistant

meetings today

Here is today's schedule: CSE 435 Meeting at 7:45 p.m. Meeting Links: <https://meet.google.com/bbc-wuxc-frb> Organizer of Meeting: shaheer.hasan2@gmail.com

any appointments tomorrow

Here is tomorrow's schedule: Interview with Amazon at 6:15 p.m.

what is my schedule for tuesday

Here is your upcoming schedule: Triage Meeting at 11:30 a.m on Tuesday 16, 2021

events on friday

You do not have any upcoming schedules.

Type here or click on the mic



What's left to do?

- Stretch Goals
 - Make interactions more conversational-like
 - Add minor add-ons onto existing features
- Other Tasks
 - Find and fix minor bugs within system
 - Receive and apply feedbacks from our clients
 - Organize and clean code



Questions?

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