



Extra Assignment Web Application Development

BITM 2113 Web Application Development

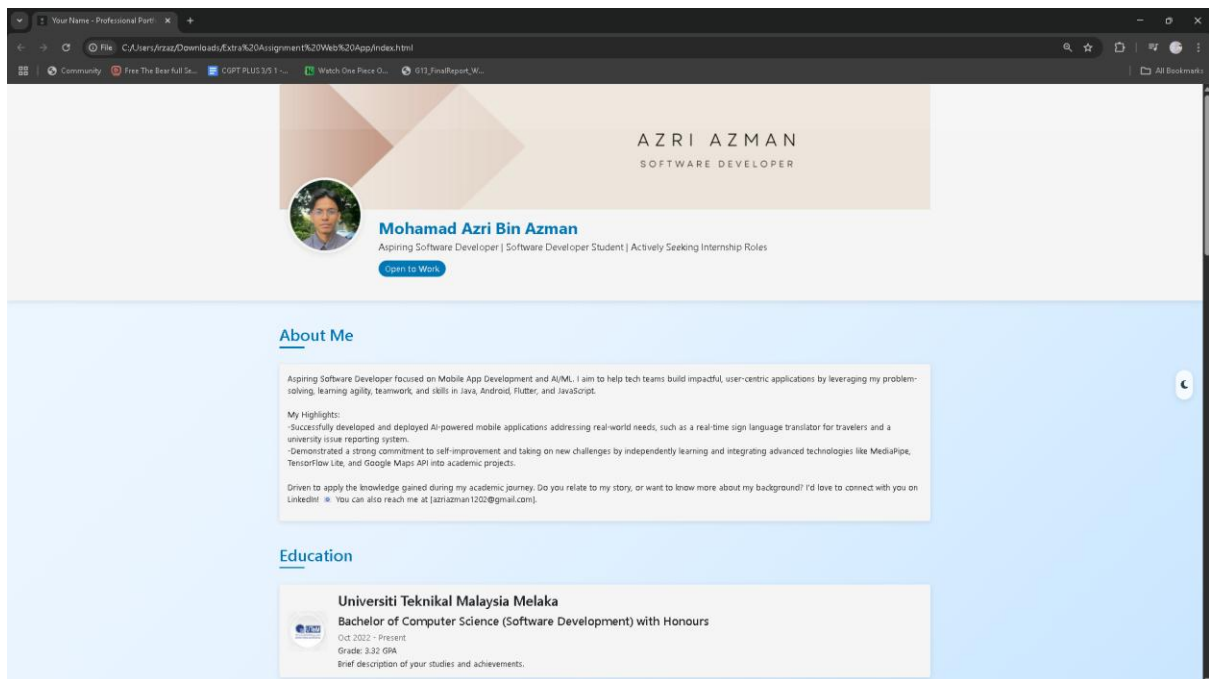
Prepare By:

Name	No Matric	Session/Group
MOHAMAD AZRI BIN AZMAN	B032210270	BITS S1G2

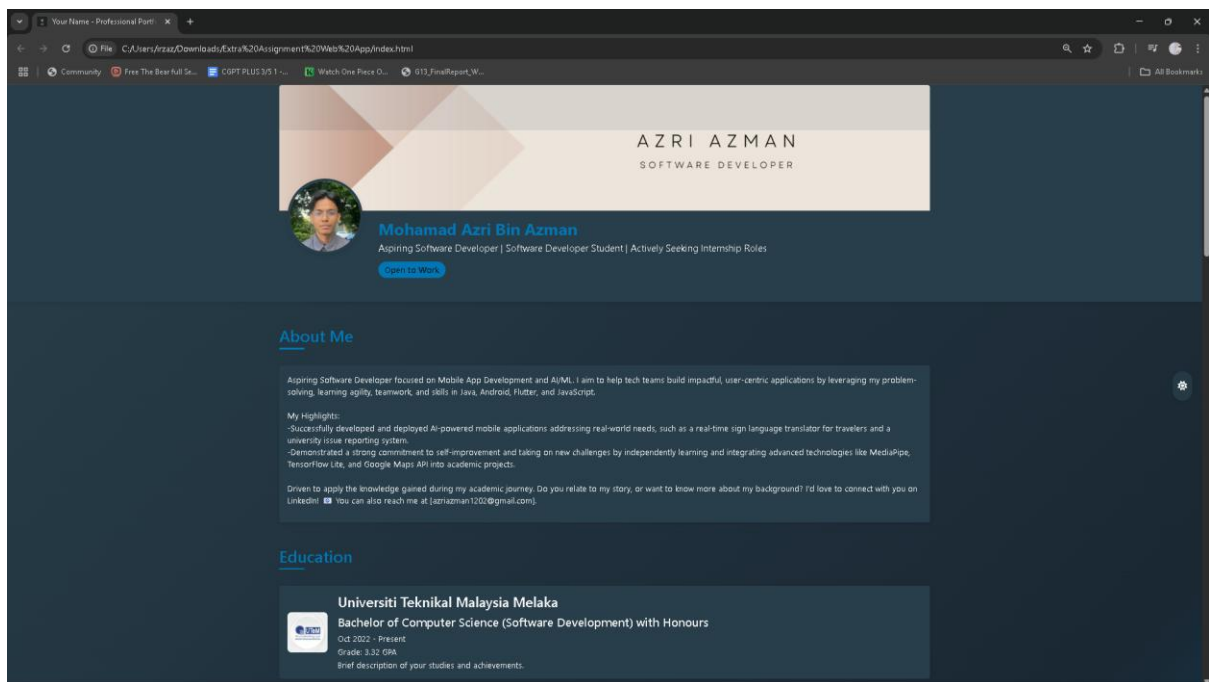
Lecturer:

Mohd Khalid Mokhtar

Index.html (Light Mode)



Index.html (Dark Mode)



Project1.html

Maintenance Reporting System

Completed: July 2025

Technology: Flutter, NLP, Android, Machine Learning

View on GitHub

Contact Me

Project Overview

Developed an AI-enhanced University Reporting System for my Final Year Project, enabling students to easily report campus issues (Dorm, Faculty, Campus Grounds) and allowing administrators and staff to manage resolutions effectively.

Technologies involved: AI/ML, Google Maps API, Flutter, JavaScript, Firebase. This project honed my skills in full-stack development, AI integrations, and building multi-user workflow systems.

Key Features

Feature 1: AI-driven categorization of reported problems based on user descriptions (model hosted on Render).

Feature 2: Google Maps API integration for precise location reporting on campus.

Feature 3: Image uploads for visual context.

Feature 4: Report tracking (Pending, In Progress, Resolved) for students.

Feature 5: Ticket submission system for unresolved issues.

Feature 6: Admin dashboard for report assignment and status management.

Feature 7: Staff portal to view assigned tasks and submit proof of resolution.

Technical Details

Technologies Used

Flutter

Mobile App

Android

NLP

Project Timeline

Started: April 2025

Completed: July 2025

Duration: 4 months

Source Code

The complete source code is available on GitHub:

View Repository

Project Gallery

0:03

UTeM Reporter

Report issues around campus easily

Get Started

0:05

Hello, Student!

Report campus issues easily

Report Issue

My Reports

2

Total Reports

0

Pending

2

Completed

Report an Issue

Dormitory

Faculty

Campus

Technical Details

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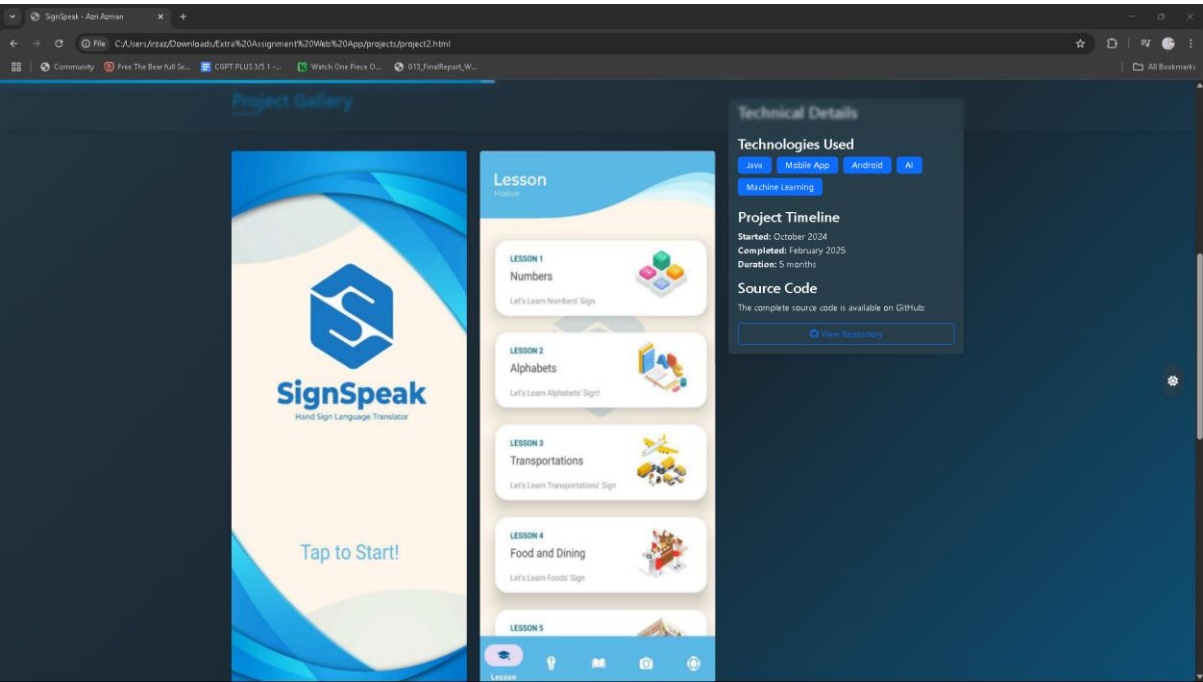
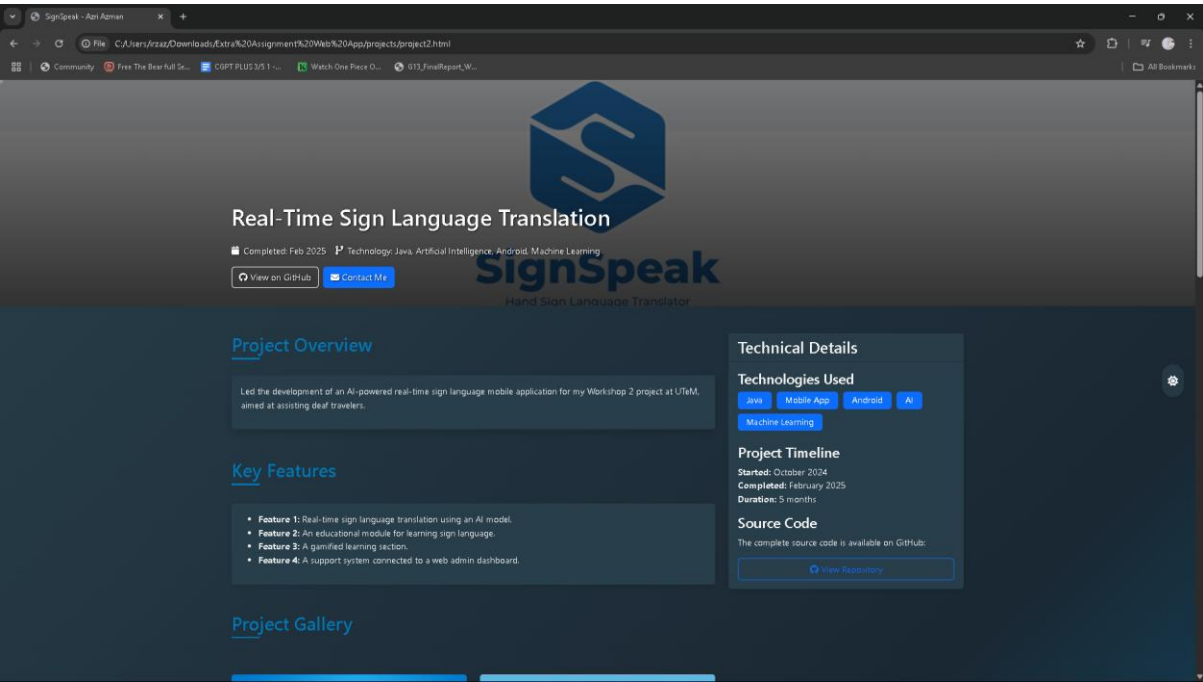
Duration: 4 months

Source Code

The complete source code is available on GitHub:

View Repository

Project2.html



Project3.html

