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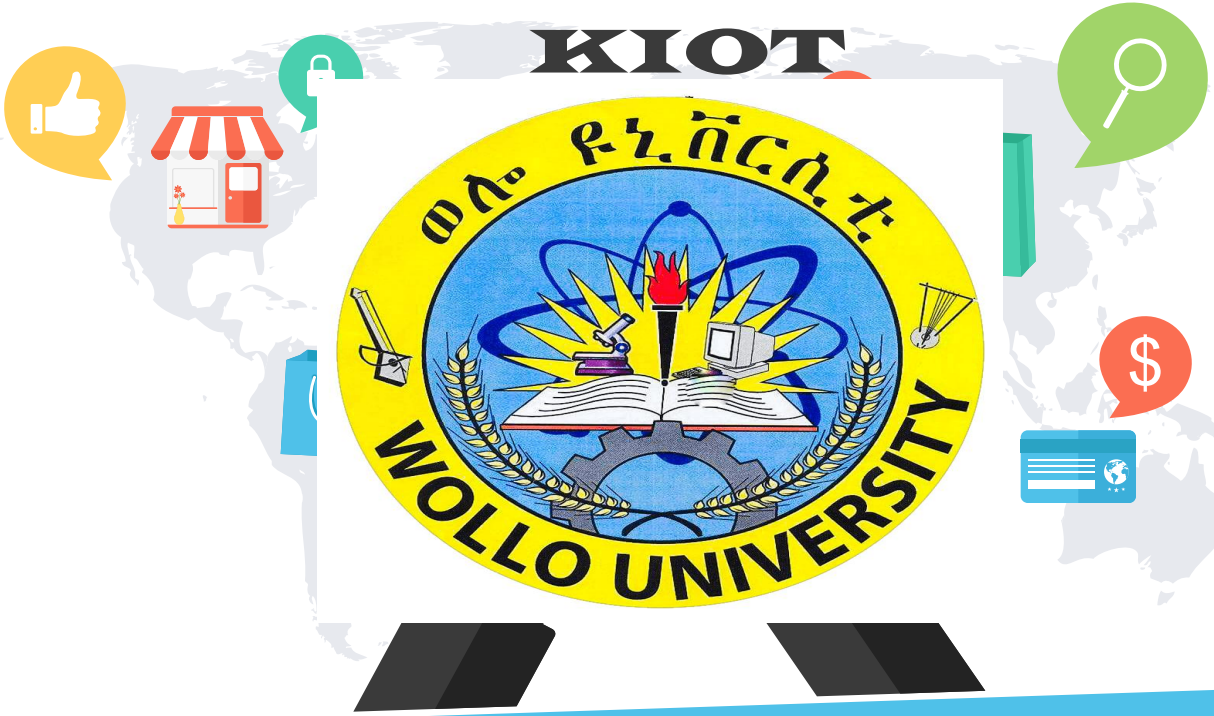

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I.S DEPARTMENT

Amharic Weather Forecast (የ አ የ ር ት ን በ ያ) Website

- this project proposes a user-friendly weather forecast website.
- Built with modern web development tools.

Key Features

1 Location Search

- city name
- postal code.

2 Detailed Weather Data

- (°C and °F)
- ፀ ሐ ያ ማ
- ዝ ና ባ ማ

3 Daily & Hourly Forecasts

- next few days and hourly

Target Audience

Farmers

Travelers

Anyone

Technology Stack

Front-end

React.js

Back-end

Node.js

Technology Stack

API Integration

openweather map.org

Data Processing & Translation

- **I18next or**
- **google trasnlation**

Project Deliverables

- Functional React website displaying weather information in Amharic..
- Integration with a chosen weather data API.
- user interface display.
- Comprehensive documentation outlining:
  - API integration steps
  - Data processing logic
  - Deployment instruction

Project Timeline

Phase 1 (1 month)	Phase 2 (3 week)	Phase 4 (1 month)
Requirement gathering	Front-end development	Testing
UI design	weather data display	bug fixing
API selection	Node.js backend development	Lorem ipsum
integration plan	API integration	documentation finalization

Benefits

- ✓ Bridges the Language Gap
- ✓ Improves Accessibility
- ✓ Boosts User Experience
- ✓ Empowers the Ethiopian Community
- ✓ Utilizes Modern Technologies

THANK YOU

WE'RE GROUP 4

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1	HABTAMU AYENEW FEKADU	WOUR/1200/13
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