

# Digital Signage Dashboard

CS410 Long Project — Personal Work Summary

Student: Igor T. | Team: b1

Live Site: [t1-kappa-jet.vercel](https://t1-kappa-jet.vercel.com).

GitHub Repo: <https://github.com/tenigor1996/t1.git>

## Key Contributions

01

### Project Foundation

Built complete HTML/CSS/JS structure with organized folder system (js/, css/, data/, assets/)

02

### Core Pages

Created login page, facility picker, and responsive dashboard layout

03

### Facility Modes

Implemented gym, dining, campus, and entertainment modes with unique data displays

04

### Data Integration

Connected JSON structure, weather API, holidays data, and Unsplash images

05

### Deployment

Deployed working site through Vercel with team repository integration

# T-Shaped Skills Development

## Wide Skill Base

- HTML/CSS/JS fundamentals
- Git/GitHub collaboration
- Vercel deployment
- UI organization
- JSON data handling
- Testing and debugging
- Project documentation

## Evolution of Skills

Transformed from basic web editing and simple class reports into building, organizing, and deploying a working multi-page dashboard with authentication flow, structured data files, and external API integration.

## Deep Expertise

**Front-end dashboard structure and browser-based signage system**

Built complete authentication flow, multi-page navigation, and real-time data integration



# Next Steps & Final Preparation

## Ongoing Development

Continue refining project features until last class session

## Client Testing

Support acceptance testing with client and gather feedback

## Image Enhancement

Improve image editing capabilities and calendar image support if needed

## Demo Preparation

Prepare clear demo flow for deployed dashboard presentation

## Project Links

Demo: [t1-kappa-jet.vercel.app](https://t1-kappa-jet.vercel.app)

Source: [github.com/B1Dig/t1.git](https://github.com/B1Dig/t1.git)

## Course Materials

Final Paper:

<https://www.cs.umb.edu/~hdeblois/cs410/longproj02/t1/igor/6307.pdf>