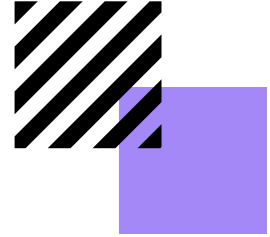


# Digital Signage System for DETI



Lifecycle objectives and calendar

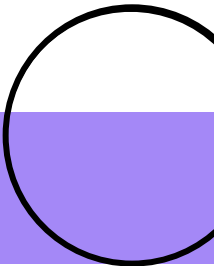


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# Table of contents

**01**

Context

**02**

Goals

**03**

Problems

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**04**

Expected Results

**05**

Calendar

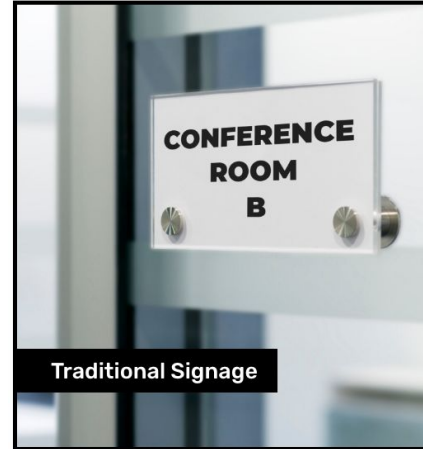




# 01 Context

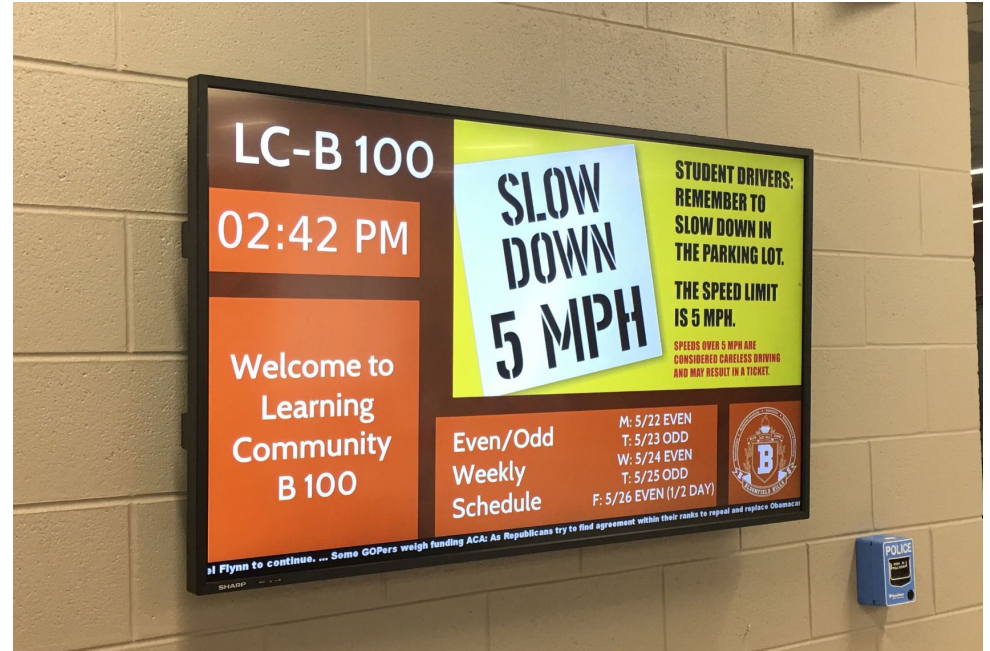


- Digital vs traditional signage.
- Improves information accessibility.
- Interactive Signage.
- Easy management and maintenance.
- Dynamic information.



# 02 Goals

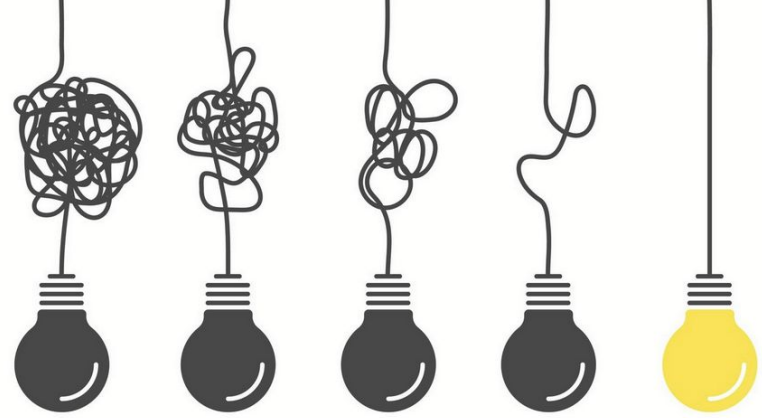
- Manage electronic displays remotely.
- Have a Media Player that allows for displaying content and receive real time updates from different sources.
- Have a Content Management System to manage all the screens and allow scheduling and timing of content playback.
- Create a Content Creation Tool that assists the users designing the templates.





# 03 Problems

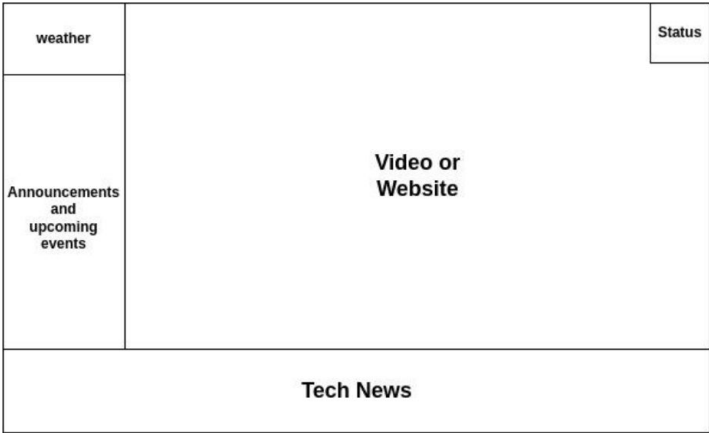
- Integration with the university's IDP
- Test driven development implementation
- User friendly Content Creation Tool (CCT)
- Good documentation and installation guides
- Scalability and Performance





# 04 Expected Results

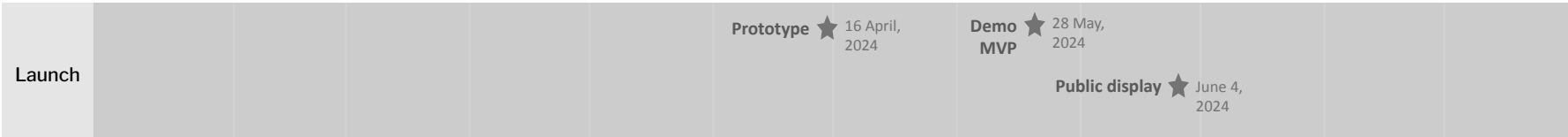
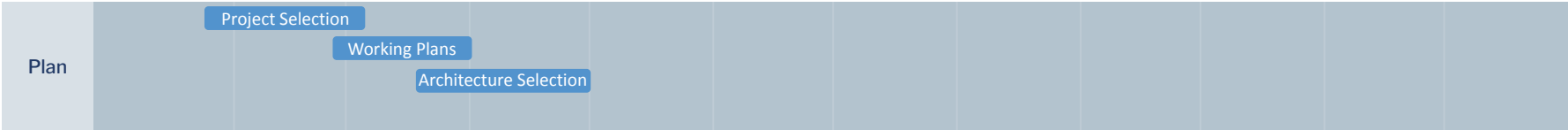
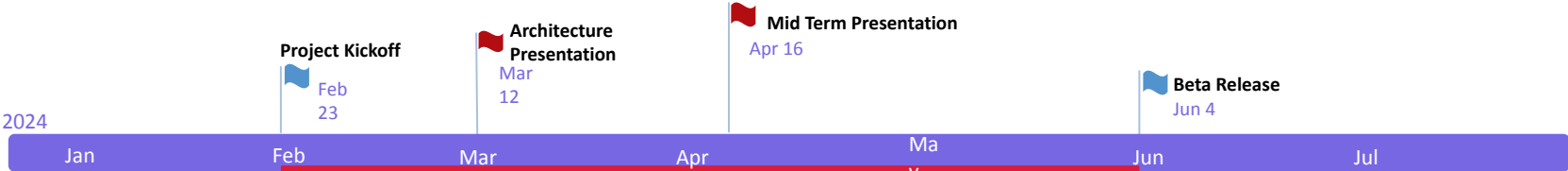
- Minimal Viable Product (MVP) of a Digital Signage System
- User-friendly Content Management System (CMS) and Content Creation Tool (CCT)
- Integration with the university's IDP
- OS image that auto-boots into the Media Player upon startup
- All the code should include tests and comments
- Clear documentation and contribution guidelines



Signage Template



# 05 Calendar



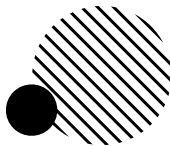


# 06 Task list

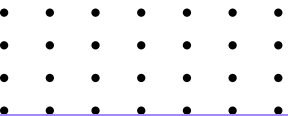
- Raspberry pi configuration
- Template design/requirements
- Architecture development / System design and planning
- Content Distribution Strategy
- Communication plan (documentation)
- Tests (User acceptance and System)
- User friendly CCT







# Thanks



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