

# CMPE 295B Project Status

## AI User Safety Application

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# Project Prototype Completion Status

- Overall Project Completion Status: 55% complete
- Individual Status
  - Gulnara Timokhina (URL Validation Model-TFX): 80% complete
  - Mirsaeid Abolghasemi (JavaScript Web Browser App): 30% complete
  - Varun Bhaseen (Logo Detection Model): 60% complete



# Project Report Completion Status

- Overall Project Report Status: 30% complete
- Individual Status
  - Gulnara Timokhina (ML Pipeline): 10% complete
  - Mirsaeid Abolghasemi (Unit tests, Test Scripts and Test Plans): 10% complete
  - Varun Bhaseen (Application Development scripts): 10% complete



# Project Concerns

- Potential project showstoppers
  - Comprehensive automated testing and test results
  - Generalization of ML model prediction
    - Current prediction is targeted towards 10 brands
    - The prediction needs to be generalized across multiple web pages
  - Application performance optimization
    - CPU usage and ML model performance on legacy machines
  - Security testing and OWASP guideline implementation
    - Understanding and translating the guidelines of OWASP into the developed application.



# Meetings with Project Advisor

- Recent meetings with Project Advisor
  - Project Progress Update
  - Getting insights on URL validation approach with Char-CNN (9<sup>th</sup> December 2021)
- Planned meetings with Project Advisor
  - Project Progress Update (7<sup>th</sup> February 2021)



# Special Needs for Project Expo

- No special needs for Project Expo at this moment
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