Anonymous Architects
Phase 2 Interim Project Plan
Advanced Software Architecture and Design (SE 6362.001)

1. Introduction

1.1.   **Document Structure:** This document serves to outline the scope and chronological structure of the semester project for the Advanced Software Architecture course. First, the team composition and team resources are identified, followed by a description of the project and deliverables entailing its completion. The provided schedule shall serve as a guide for how this team operates throughout the semester in order to deliver on time.

1.2.   **Acronyms, Abbreviations, Definitions:**

Term/Acronym/Abbreviation	Definition
UML	Unified Modeling Language
MERN	MongoDB, Express, React, and Node tech stack

2. Team Organization

2.1.   **Team Name:** Anonymous Architects
2.2.   **Team Members and NETID's:** Trevor Celenza (txc200025), Yousef Magableh (ynm240000), Cole Oftedahl (cxo220001)
2.3.   **Team Leader (Phase 2):** Trevor
2.4.   **Team Webpage URL:** https://coftedahl.github.io/
2.5.   **Team Communication Standards:** Our team uses Discord for team communications and Google Drive as our standard for file sharing. Team meetings, held virtually on Discord, are held at 2:00PM on Mondays or Wednesdays depending on availability each week, with the possibility for additional meetings as necessary.

3. Project Overview

3.1.   **Project Description:** This project's goal is to develop a small web browser, implemented using the MERN stack.

3.2. Project Schedule:

Deliverable ID	Deliverable Name	Deliverable Contents	Due Date (MM/DD/YYYY)	Team Leader	Tools & Programming Languages to Use	Standards/Templates to Use
P.0	Preliminary Project Plan	Preliminary Project Plan	09/04/2025	Cole	-Google Docs	
P.1.0	Phase 1 Interim Deliverable	Presentation 1.0	10/02/2025	Cole	-Google Docs -Google Slides -Github	Preliminary Project Definition (on website)
P.1.1	Project Phase 1 Final Deliverable	System Documentation 1.0, Project Plan 1.0	10/14/2025	Cole	-Google Docs -Github -Astah -StarUML -Visio -Visual Studio Code	UML
P.2.1	Phase 2 Interim Deliverable	Project Plan 1.1	11/13/2025	Trevor	-Google Docs -Github -Astah -Visual Studio Code	Phase 2 Project Description (on website)
P.2.2	Project Phase 2 Final Deliverable	Presentation 2.0, Final Project Plan, System Documentation 2.0, Deployed Software System, Traceability Table	12/02/2025	Trevor	-Google Docs -Google Slides -Github -Visual Studio Code	Phase 2 Project Description (on website)

3.3. Current Status

This section provides an overview of the progress made on the project by our team thus far in phase 2 and the items which are planned to be completed by the final submission.

3.3.1. Completed Items:
- Added stakeholders description to doc
- Added composite structure diagrams to doc to show the structure of the architecture & relate the different class diagrams
- Added paginator for search results in FE
- Added URL Parser (syntax of URLs)
- Enabled multiple concurrent search engines

- Added deletion capability
- Added sorting results capability
- Updated DB schema to allow sorting based on the search parameters (incl adding dates)
- Added function to increment accessFrequency field for DB entry when a URL is clicked on the front end
- Added case sensitive search capability
- Added loading screens for FE
- Added settings popup for FE (includes default behavior, search parameter modifications, and ability to dynamically specify user configuration of words to ignore for a search request)
- Added various error handling techniques (e.g. avoid sending a new request for blank/unchanged searchbar)
- Filter out meaningless symbols on client-end
- AND/OR/NOT Search
- Update User Manual (including screenshots)
- Add FRS (in FRS_BE_2) for the syntax allowed for URLs
- Added notes (dog-eared rectangle) to every UML diagram

3.3.2. Remaining Items:
- Use of Facade Pattern (use of MVC is already done)