SE 4485: Software Engineering Projects

Fall 2024

Architecture Documentation

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| --- | --- |
| Group Number |  |
| Project Title |  |
| Sponsoring Company |  |
| Sponsor(s) |  |
| Students | 1.  2.  3.  4.  5.  6. |

# TITLE PAGE

# ABSTRACT

* brief summary of the entire document

# TABLE OF CONTENTS

# LIST OF FIGURES

# LIST OF TABLES

# INTRODUCTION

* introduction to the entire document
* purpose and scope of the document
* description of the structure of the document

# ARCHITECTURAL STYLE(S) USED (Alvin)

* how does the architecture support various features of your application

# ARCHITECTURAL MODEL (Mageto, Abdullah)

* use packages stereotyped as subsystems <<subsystem>>
* no classes in the architectural model

# TECHNOLOGY, SOFTWARE, AND HARDWARE USED (Danya)

* describe the technology used for implementing this project
* list all software and hardware required to support the technology
* explain the communication between application server and database server

RATIONALE FOR YOUR ARCHITECTURAL STYLE AND MODEL (Omar)

TRACEABILITY FROM REQUIREMENTS TO ARCHITECTURE (Reya)

* provide a mapping between requirements and architecture
* clearly describe how each requirement in the *Requirements Documentation* is captured in the architecture

EVIDENCE THE DOCUMENT HAS BEEN PLACED UNDER CONFIGURATION MANAGEMENT

ENGINEERING STANDARDS AND MULTIPLE CONSTRAINTS

* students should work with their project sponsor(s) to identify all the standards and constraints that should be applied for preparing this document

ADDITIONAL REFERENCES

* include other related references that are not included the section above