


Final Project Power Point

Gage C. Hall

CST499: Capstone for Computer Software Technology

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CST499W5 VIDEO PRESENTATION

GAGE C. HALL

TOPICS TO COVER

- Summarize the key aspects of the SRS document that you developed.
- Showcase the UML design model that you created.
- Explain the design of the landing, login, and enrollment pages that you created.
- Explain the MySQL database and class registration that you developed.
- Discuss the PHP code that you wrote for this course.

KEY ASPECTS OF THE SRS DOCUMENT

FOR THE STUDENT ENROLLMENT WEBSITE

OVERVIEW

- INTRODUCTION
- OVERALL DESCRIPTION
- EXTERNAL INTERFACE REQUIREMENTS
- SYSTEM FEATURES
- OTHER NONFUNCTIONAL
REQUIREMENTS

INTRODUCTION

- Purpose
- Document Conventions
- Intended Audience and Reading Suggestions
- Product Scope

OVERALL DESCRIPTION

- PRODUCT PERSPECTIVE
- PRODUCT FUNCTIONS
- USER CLASSES AND CHARACTERISTIC
- OPERATING ENVIRONMENT
- DESIGN AND IMPLEMENTATION CONSTRAINTS
- USER DOCUMENTATION
- ASSUMPTIONS AND DEPENDENCIES

EXTERNAL INTERFACE REQUIREMENTS

- User Interfaces
- Hardware Interfaces
- Software Interfaces
- Communication Interfaces

SYSTEM FEATURES

- New user account creations
- Login
- Search classes to enroll into
- Register a class
- Drop out of a class
- Class availability and waitlist
- Logout feature

OTHER NON-FUNCTIONAL REQUIREMENTS

- Performance requirements
- Safety requirements
- Security requirements
- Software quality attributes
- Business rules

UML MODELS

FIGURE 1

Class Diagram

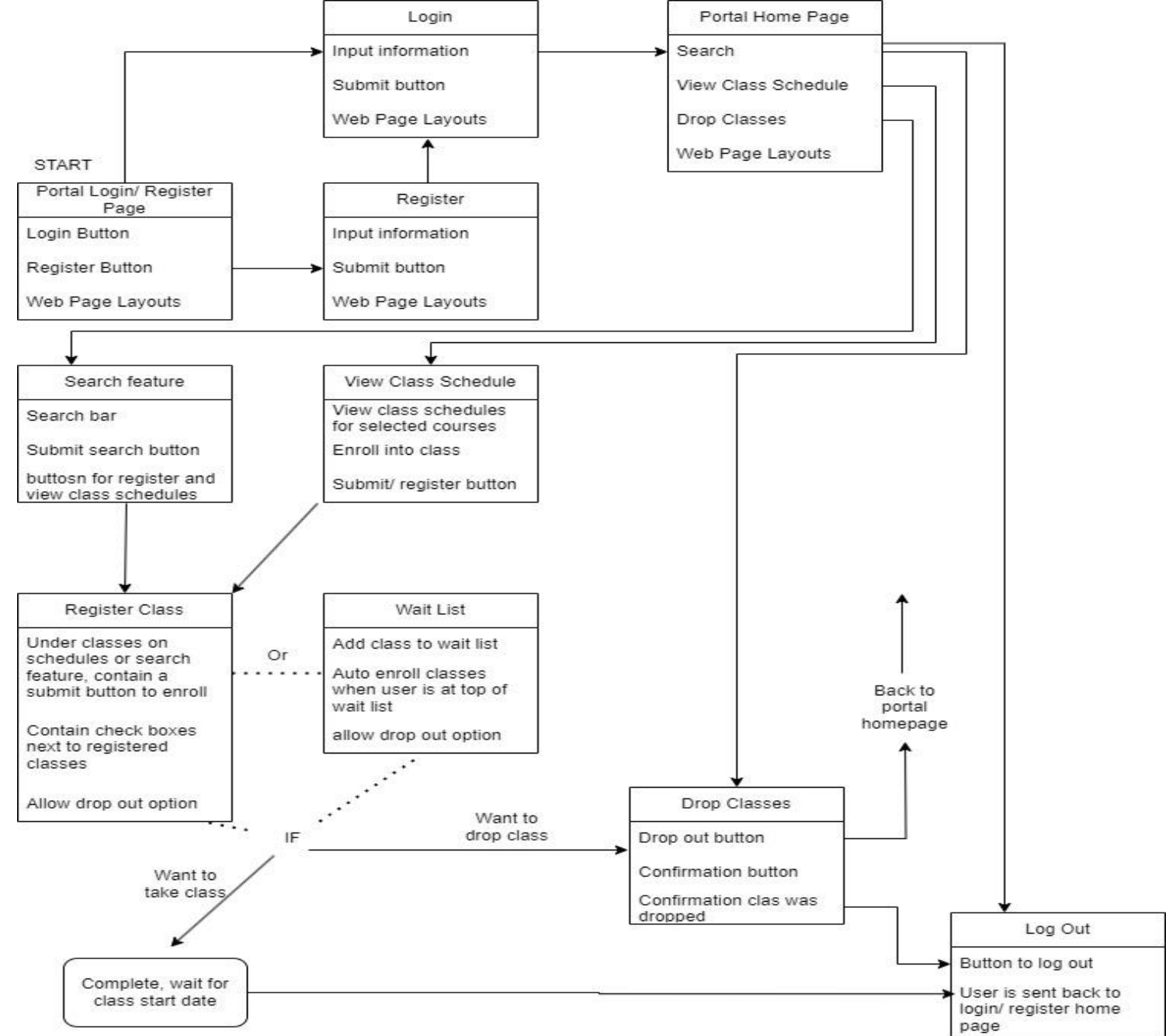
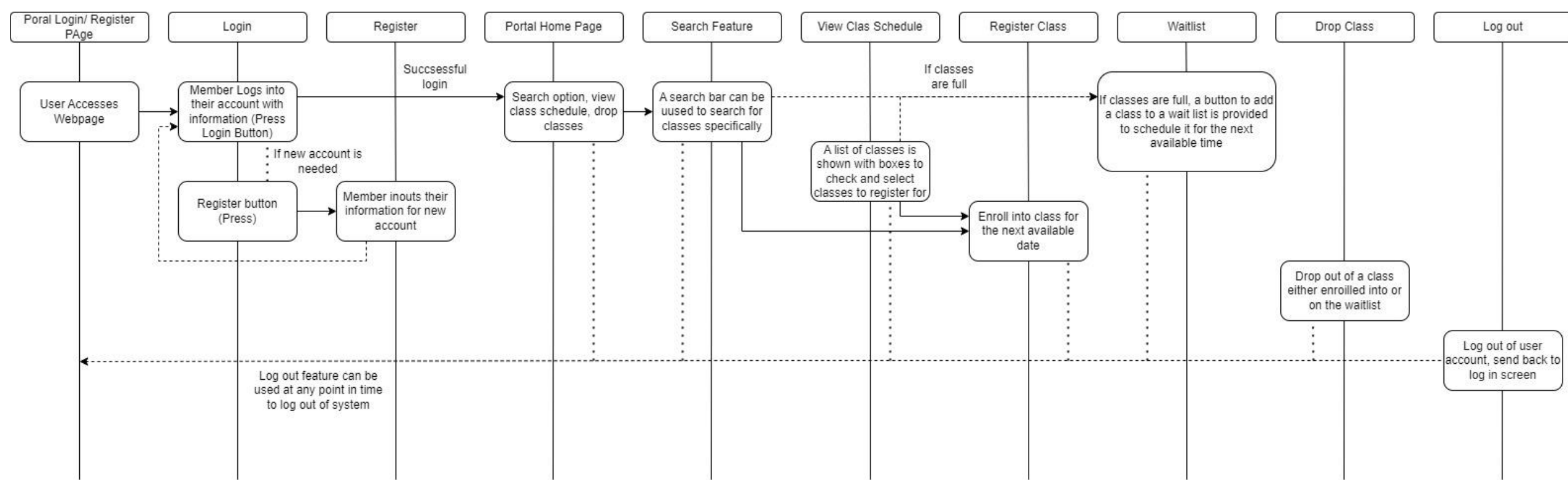


FIGURE 2

Sequence Diagram



SOFTWARE OVERVIEW

- Explain the design of the landing, login, and enrollment pages that you created.
- Explain the MySQL database and class registration that you developed.
- Discuss the PHP code that you wrote for this course.

REFERENCE LIST

ADA. (2007). Webpage Accessibility Under Title II of the ADA. Retrieved January 15, 2022 from <https://www.ada.gov/pcatoolkit/chap5toolkit.html>

U.S. Department of Education. (n.d.). Family Educational Rights and Privacy Act (FERPA). Retrieved from: <https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html>