**Project Title: TBA**

CMPS 4910 Senior Project I

Group Members: Shadi Abdul Razzak, Haylee Allen, Justin Ulloa, Tristan Bock

Date: 2022-XX-YY

**CONTENTS**

1 Executive Summary

2 Introduction

2.1 Target Market

2.2 Competitors

2.3 Team Description

2.4 Work Plan

3 Specific Requirements

3.1 User Interfaces

3.2 Hardware Requirements

3.3 Software Interfaces

3.4 Communication Interfaces

3.5 Database Requirements

3.6 Security

4 Works Cited

**1 EXECUTIVE SUMMARY**

ProjectName is a web-embedded user interface for a university registrar to more clearly display a student’s progress toward completing their degree. This is similar to existing software like DegreeWorks, but it is not currently in use by CSUB, making it very difficult for a student to determine what courses are necessary to complete their goals in a timely fashion. Unlike DegreeWorks, which is closed source and sold as a service to universities, we plan for this to be Free and Open Source Software for any campus to use.

The team consists of Shadi Abdul Razzak, Haylee Allen, Justin Ulloa, and Tristan Bock, all students with senior standing at the California State University, Bakersfield. *\* Individual Descriptions here \** Tristan has several years of prior experience using DegreeWorks and is excited to help his fellows develop a solid competitor. He has prior experience working on a senior project at the University of California, Irvine, and plans to leverage that experience working with an even larger group here.

**2 INTRODUCTION**

**2.1 Target Market**

There are thousands upon thousands of students admitted to universities annually across the country, and not every school uses or can afford to use DegreeWorks or equivalent closed-source packages for their registrars. (citation)

**3 FUNCTIONAL REQUIREMENTS AND DESIGN**

There will be two primary components to this application: the database querying back-end that pulls a student’s records and the school’s catalog, and the presentation front-end that displays the information in a clear, concise way...