



College of Engineering

## CS CAPSTONE FINAL REPORT

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# MANY VOICES PLATFORM

PREPARED FOR

OREGON STATE UNIVERSITY

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### Abstract

The culmination of documents created during the development of the Many Voices Publishing Platform by Team Remix; Josh Matteson, Steven Powers, and Evan Tschuy for Dr. Carlos Jensen. Details of the implementation, technologies, and requirements are included in this document.

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## **1 INTRODUCTION**

The Many Voices Publishing Platform was requested by Dr. Carlos Jensen, who is now the Associate Dean of Undergraduate Programs and Associate Professor at Oregon State University. This project was requested because textbook creation is very difficult, and costly, both in time and money that the author has to spend working on their writing. The importance of this project is that having a platform that enables professors to create the textbooks they want by combining and modifying materials already in existence, or by creating their own that will be added to the available materials for all users. The client for this project was also the person that requested the project, Dr. Carlos Jensen. The development team consists of Josh Matteson, Steven Powers and Evan Tschuy. During development of the platform, Josh Matteson focused on frontend development, Steven Powers focused on documentation, management, and frontend development, and Evan Tschuy focused on the backend development of the platform, but also stepped in to work on other aspects of the project when available. Dr. Jensen remained relatively hands off during development, only stepping in to provide feedback about questions brought up through development.