Oregon State University
College of Engineering

CS Capstone Technology Review

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A Scalable Web Application Framework for Monitoring Energy Usage on Campus

Prepared for

Oregon State Office of Sustainability

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Abstract

This document provides an analysis of different technologies that could be used to satisfy different components of our web application. The purpose of this document is to compare and contrast different technologies in respect to our project's needs and goals and choose the best choice for implementation.

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1 Introduction

2 Visualization Frameworks

2.1 D3.js

Repository Commits: 4,104 Contributors: 120

2.2 vis.js

Repository Commits: 3,165 Contributors: 137

2.3 Chartist.js

Repository Commits: 841 Contributors: 65

3 Data-binding Technologies

4 Encryption Frameworks/Algorithms