

**Deployment Document**

**USC** CSCI 201

**1. Overview**

**1.1 Abstract**

This document describes how to deploy *Whiteboard*, an academic collaboration tool for students.

**2. Configuration**

**2.1 Server**

• Start a server running Ubuntu 14.04 x64 or later with ≥512MB memory and 20GB of storage.

• Download and update all distribution packages and install Java 8, MySQL 5 or later, and nginx.

• Configure MySQL and nginx such that:

1. *Whiteboard* can connect to MySQL through a local socket connection

2. nginx proxies incoming connections to *Whiteboard*’s servlet backend.

• Start the MySQL and nginx services.

**2.2 Client**

• Install Google Chrome 56 or later.

• Ensure that Internet connectivity is stable and working by attempting to load www.google.com.

• Navigate to the URL of the web application specified by the nginx configuration.

• Ensure that JavaScript, cookies, and localstorage is enabled for the Google Chrome installation.