# Assignment #2 – Template

Software Requirements Specification

Revision History

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| **Date** | **Revision** | **Description** | **Author** |
| mm/dd/yyyy | 1.0 | Initial Version | Your Name |
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# Purpose

This document outlines the requirements for the Mine Pump Control System (MPC).

## Scope

## Definitions, Acronyms, Abbreviations

## References

## Overview

# Overall Description

## Product Perspective

The distributed file system is a cloud adjacent method of peer-to-peer file storage. It is a system used to self-contain company wide data; retaining data in house ensures privacy and security needs are met.

## Product Architecture

The system will be organized into 3 major modules: the server module, the client module, and the persistence module.

## Product Functionality/Features

Users log in to distributed file system via username/password combination. Users view text list of files stored within system and can access any available file and/or upload new files. Interactions between user, system and files are logged.

## Constraints

Location of files will be unknown to the user. Files uploaded by a given user will be stored in an unknown, separate, arbitrary location(s) within the company.

## Assumptions and Dependencies

It is assumed that company hardware is standardized; all users will run identical operating systems on corresponding hardware.

# Specific Requirements

## Functional Requirements

### Common Requirements:

### \_\_\_\_\_ Module Requirements::

### \_\_\_\_\_ Module Requirements:

### \_\_\_\_\_ Module Requirements:

## External Interface Requirements

## Internal Interface Requirements

# Non-Functional Requirements

## Security and Privacy Requirements

## Environmental Requirements

## Performance Requirements