



Project Details

Requirements for the Project.

0.0.1

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Detailed Requirements

r00000001 project\service\service.yaml **Service**

1 Requirements captured in human readable format.

Requirement:

The requirements *shall* be captured in the human readable format YAML.

Description:

Considered JSON, YAML, and XML. YAML was chosen for its ease of reading.

Assumptions:

There is an established python library for parsing YAML.

Labels:

data storage

Downstream Requirements:

r00000008 Read and Write to Files. *The software shall store the data within files that are read from...*

r00000008 project\software\datastore.yaml **Software**

1.1 Read and Write to Files.

Requirement:

The software *shall* store the data within files that are read from and written to.

Description:

The user will want to store things in multiple files. However, the user will want to store all of the requirements in a directory. Organization of that directory will be up to the user.

Assumptions:

This is an assumption.

Upstream Requirements:

r00000001 Requirements captured in human readable format. *The requirements shall be c...*

Related Requirements:

r00000006 Easy Setup *The task of setting up a project shall be easy. This includes a few simple steps ...*

r00000002

project\service\service.yaml

Service

2 Configuration management by GIT version control.

Requirement:

The requirements *shall* be managed using GIT.

Description:

This will have a similar workflow to software development.

Assumptions:

The tool is for software development. Future development could make it easy for non developers to use.

Labels:

configuration management

git

r00000003

project\service\service.yaml

Service

3 User Interface.

Requirement:

There *shall* be a web based user interface.

Description:

This will be in django.

Component:

Gui

Labels:

gui

r00000004

project\service\service.yaml

Service

4 Project Verification.

Requirement:

There *shall* be command line interface for project verification. The results will be pass or fail.

Description:

This will allow the user to push to a main repository and the main repository will be able to use the command line tool to verify the project.

Labels:

verification

r00000006 project\service\service.yaml **Service**

5 Easy Setup

Requirement:

The task of setting up a project *shall* be easy. This includes a few simple steps and good documentation.

Description:

This will allow the user to use the project quickly and easily.

Downstream Requirements:

r00000005 CLI Tasks. *There shall be a command line interface to help setup the project and start the GUI.*

r00000007 New Project Template *A starting template shall be easily available for new projects.*

Related Requirements:

r00000008 Read and Write to Files. *The software shall store the data within files that are read from...*

r00000005 project\service\service.yaml **Service**

5.1 CLI Tasks.

Requirement:

There *shall* be a command line interface to help setup the project and start the GUI.

Description:

This will allow the user to push to a main repository and the main repository will be able to validate the project.

Labels:

cli

Upstream Requirements:

r00000006 Easy Setup *The task of setting up a project shall be easy. This includes a few simple steps ...*

Downstream Requirements:

r00000009 CLI Options *The setup cli shall present the user with descriptive options to help setup the pr...*

Related Requirements:

r00000007 New Project Template *A starting template shall be easily available for new projects.*

r00000009 project\software\manage.yaml Software

5.1.1 CLI Options

Requirement:

The setup cli *shall* present the user with descriptive options to help setup the project.

Upstream Requirements:

r00000005 CLI Tasks. *There shall be a command line interface to help setup the project and start the GUI.*

r00000007 project\service\service.yaml Service

5.2 New Project Template

Requirement:

A starting template *shall* be easily available for new projects.

Description:

This will allow the user to start from a good place.

Upstream Requirements:

r00000006 Easy Setup *The task of setting up a project shall be easy. This includes a few simple steps ...*

Related Requirements:

r00000005 CLI Tasks. *There shall be a command line interface to help setup the project and start the GUI.*

r00000010 project\service\service.yaml Service

6 New Requirement - need idea.

r00000011 project\service\service.yaml Service

7

123456789 123456789 123456789 123456789 123456789
1234567891

Requirement:

This is to test if there is a good max length for the title.