

# Project Plan

Captain Cybeard: Neil Before Us

**Ryan Breitenfeldt | Noah Farris**  
**Trevor Surface | Kyle Thomas**

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## Revision History

Revision	Date	Author(s)	Description
0.3	09.24.2019	RB NF TS KT	Filled in scope and added diagram
0.2	09.19.2019	KT	Filled in Introduction Section
0.1	09.12.2019	KT	Document Creation

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# 1 Introduction

This document is a project plan for developing a Django Web Application that allows Cypher Path users to enter a URL for online Virtual Machines and select which Virtual Machines will be downloaded onto Cypher Path's servers. The purpose of the project plan is to provide a roadmap for Cypher Path and the software development team of the development process and help keep track of the progress.

Subsequent sections of this project plan will cover the scope of the project, the software engineering approach that will be used for the project and an estimate for how long the project will take broken by task in the form of a Gantt Chart.

## 2 Scope

The project is to develop a Python Django web application that allows a user that is logged into the application to enter a URL that points to one of several possible cloud based VM platforms and be presented with the authentication for that platform. After the user enters their credentials for the VM platform they will be presented with the VM's they have on their account that are available to download.

The application will present relevant information to the user such as the directory structure, names of the VM images, and a way to select which files and folders to download to their local machine.

The first platform to focus on for interacting with will be VMware. Time permitting other platforms such as Amazon Web Services (AWS), Citrix, Google Drive and Dropbox will be added. The application needs to have a modular design so other platforms can be added in the future.

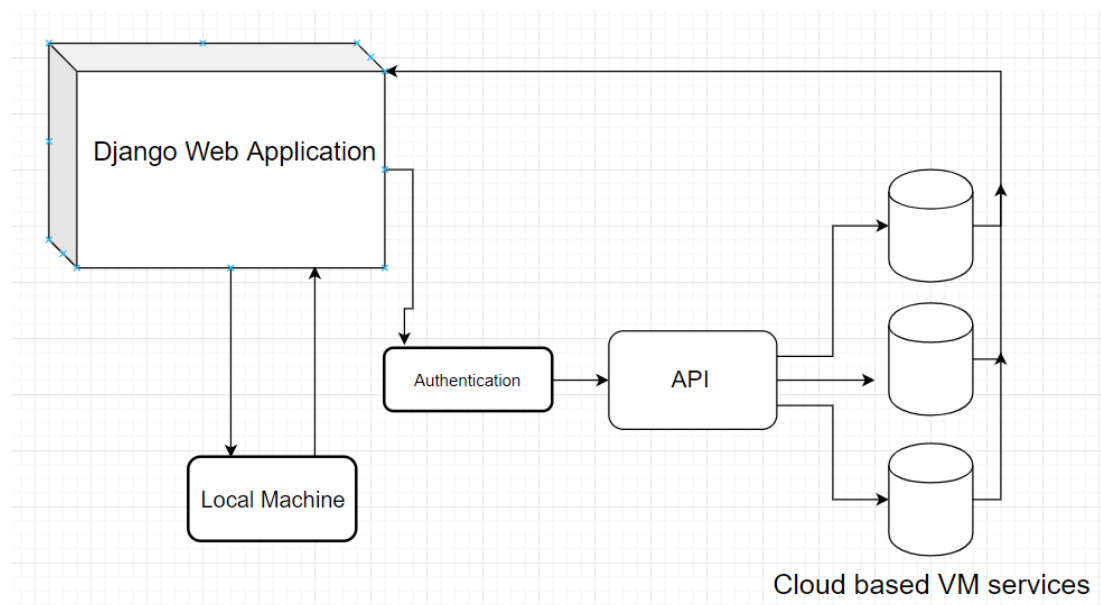


Figure 1: The application environment

## 3 Approach

The software engineering approach that will be used for this project is the **agile** approach.

## 4 Estimate