



Searchinator - A web search engine

Preliminary Project Plan

Team of 5: Rainbow

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Phase 0

Revision History

Version	Date	Comments	Author
1.0	August 31, 2021	Initial Version	Team

Phase	Date	Leader
Preliminary Project Plan	September 2nd, 2021	Wenlong Yang
Interim Project I	September 30th, 2021	Arham Siddiqui
Final Project I submission	October 12th, 2021	Jonathan Perry
Interim Project II	November 16th, 2021	Tanvi Krishna Patil
Final Project II submission	November 30th - December 2nd, 2021	Rupin Jairaj

1. Introduction

1.1 Project overview

Searchinator is a web search engine developed using Software Architecture models. It queries keywords and then ranks results, and does so in a reasonable amount of time. For the backend, Python will be used with the flask module.

1.2 Project deliverables

The following are the deliverables for this project:

- a) Preliminary Project Plan Deliverable 0
- b) Interim Project I Deliverable 1
- c) Final Project I submission Deliverable 2
- d) Interim Project II Deliverable 3
- e) Final Project II submission Deliverable 4

Methods, tools, and techniques

We will be writing in Python using version 3.x in PyCharm. RE tool and Rational Rose will be used for UML modeling. GitHub Projects will be used for project tracking, as well as a VCS. GitHubPages for hosting. Google Docs is used for documentation and Google Slides for presentation. Microsoft Teams for communication. All the project updates will be hosted on our team website at <https://searchinator.github.io/>