

NIIT UNIVERSITY

Capstone Project II

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Project Plan

Project Title: Collaborative Search -- Graph driven knowledge repository

Project Number: 38

Group Members:

S.N.O	Name	Email-Id	Phone number
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Project Description:

Collaborative search – Graph driven knowledge repository that is collaboratively developed by members of a community.

1. Tools that enable a set of people to build a knowledge repository on a specific topic or point of interest. Given a specific topic of interest people post messages and share links about this. Each link is then connected to the topic in a graph-like structure.
2. This structure is then used to share these topics with people with similar interests.

Project Scope:

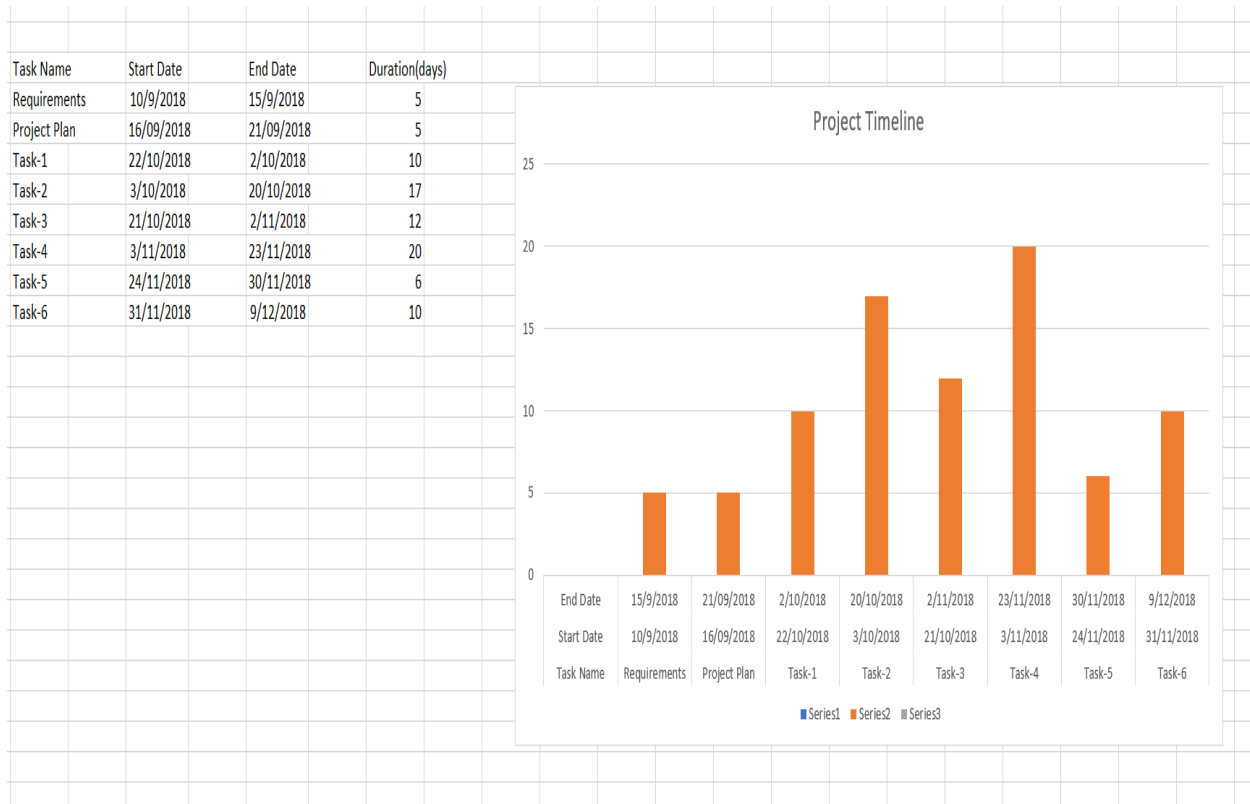
- This project will be made using Python Django framework as web application interface.
- User can search a topic in a repository, People who have similar interests they will share hyperlinks and material. We will add more features to the website, compare to the latest content related websites.
- All the logic executed by Server side, whereas User enquiries for the topic and post hyperlinks, material related to the topic.
- Topic details (Topic name, members) are created using the database and as the User request is received, Server displays the topic and user can post material.
- The project deliverables will be delivered according to the specified dates in the project Timeline.

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Project Timeline:



Module wise description Functionalities:

Task-1: Django Basics

We will learn how to create a web pages with python Django framework.

Task-2: Django with Backend, User side web interface.

Some members will work in User side web interface and create a web page for User. Remaining members will learn how to connect Django with backend.

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Task-3: User side web interface with backend

User does basic operations like post a specific topic and search for a topic. If User search for a topic, web site search the requested topic in database, if it is available post it is related information, otherwise create a new topic repository.

Task-4: Extra features

Implement new features compare to the other content related websites.

Task-5: Testing of the product

We will test the product and if any bugs are available try to solve those issues.

Task-6: Final Product and Future scope

Note: This tasks may be change based on the project progress. For every stage, we will try to implement as many features.

Roles and Responsibilities:

Roles	Responsibilities
Sai Thapan Ragipani	Backend Development
Kandibanda Sai Sharan	Server Management
D.Padmakara Srinivas	Front end development(Web app)
Chaitanya Surabhi	Front end development
K.Sai Sathvik	Front end development

Tools and Technologies used:

- Anaconda IDE
- Django Framework
- Language: Python