Project Plan

Project number	34
Project Title	Build a list of prospective customers based on Ideal Customer Profile
Document	Project Plan
Creation date	25-01-20
Created By	Astitva Gupta Sachin Kumar Danisetty Trusha Sakharkar Vivek Pamnani
Client	Mr. Sreedhar Peddineni, Stealth Mode

Brief problem statement

Software system to crawl the web and profile prospective customer businesses fitting a given Ideal Customer Profile. Apart from gathering raw data from the web, the software system would clip and summarize relevant articles while attempting to appropriately categorize them. The resulting database can be navigated/searched using a UI.

Team Members

Astitva Gupta – Developer
Sachin Kumar Danisetty – Developer
Trusha Sakharkar – Developer
Vivek Pamnani – Developer

Team Communication

The team will meet in the Reading Room at IIIT-H approximately once a week.
In view of nationwide lockdown, team communication was maintained with uninterrupted routine via MS Teams.

Development Environment

Development environment: Visual Studio Code

Programming Languages: HTML, CSS, JavaScript, Python, MongoDB

API and Tools: ReactJS, Scrapy.

Milestone Schedule

No.	Milestone	Description	Due Date	Release	Deliverable
1.	Requirements Gathering	-	21-01-20	-	No
2.	Requirements Analysis	Part of feasibility study to classify requirements in and out of scope.	28-01-20	-	No
3.	Generating SRS	Describes the functional requirements, non-functional requirements, and goals.	29-01-20	-	No
4.	Design Document	Describes the design of a system for software development mentioning the 'how' and 'why'.	01-02-20	-	No
5.	Project Plan Document	Describes the outline and features implemented (or to be) of the project.	01-02-20	-	No
6.	User Authentication	User can log into the system via Google Auth.	14-02-20	R1	Yes
7.	Search	User can input a search phrase along with attributes/filters and initiate the search.	14-02-20	R1	Yes
8.	View Search History	User can view the list of their previous searches (hyperlinked to results) and opt for a new search.	29-02-20	R1	Yes
9.	Profile	User can view their personal information and opt to view their search history.	29-02-20	R1	Yes
10.	Logout	User can log out of the system ending the session.	14-02-20	R1	Yes
11.	Show Results	User can view the results of a chosen search and choose sorting parameters as desired.	29-02-20	R1	Yes
12.	Updating UI	Update the UI to support: 1. New page to display all information related to a search. 2. Toggle a search to display some additional information.	14-03-20	R2	No

13.	Incorporating larger source domains.	Larger number of source domains for data.	23-03-20	R2	No
14.	Email Notification	Sends an email notification on completion of a search task.	23-03-20	R2	Yes
15.	Source Links	Redirects to the source page for a selected result.	11-04-20	R2	Yes
16.	News	Collect links to relevant news articles.	11-04-20	R2	Yes
17.	Startup Profile	Display the details of a search result in a separate page along with additional information.	11-04-20	R2	Yes
18.	View List of Contacts/Founders	Users can view the people to be contacted for communication with the prospective customer.	11-04-20	R2	Yes
19.	Company Knowledge Base	Users can view the list of interesting news articles, announcements, etc. about customer companies.	11-04-20	R2	Yes

Feature Description per Sprint / Sprint Review

Sprint 1 and 2 were basically related to feasibility study and requirement analysis and therefore did not contain any as such features.

Sprint 3:

Feature	Description
User Authentication	Login via Google account and register the user if new.
Search text phrase	Start the search related to this phrase.
Search Domains	Give the results only lying in this domain and return all if empty.
Search Location	Give results only of this location.
Logout	Log the user out.

Sprint 4:

Feature	Description
View search history	Show all the previous searches in a tabular order.
Show results	Show all the results of a search in a tabular manner.
Profile	Display the user information provided by the user.
Navigation bar	Added the navigation bar for faster page travel.

Sprint 5:

Feature	Description
Loading Animation	While the search task is ongoing, show an animation denoting progress.
Improved Search Result UI	Concise and aesthetic tabulation of the results.
Information Toggle	Toggle to reveal important information on the results page.
Information Page	For each result (ignoring copies), reveal all collected information on a single page (hyperlinked to the result title).

Sprint 6:

Feature	Description
Larger Information Base.	Additional resources for results like betalist.com
Prevailing Sessions	On page refresh or a later log on, the search result is updated in history whether session is active or not.
Email Notifications	On search task completion, send an automated email to the user appropriately.

Sprint 7:

Feature	Description
Information Source	Lists the sources information was gathered from for a result.
News Articles	Lists the relevant news articles gathered from the listed sources.
Employee List	Lists the potential contacts of a selected result.
Result Page	Clicking on the result from the search results page redirects here. It contains the full description of the result.