Competrack

Arpita Mukherjee
@amukhjee on GitHub

Description

- A company profile web application MVP that is meant to design to inform visitors and prospects on basic company details, business information, services, and current financial positioning in the market.

- Stakeholders, VCs, and any other individual can use this application as a one-stop solution to get business details across different industry sectors.

Features

- User Registration and Authentication
- User can create, update, delete, read list of companies and their details
- User can search with keywords within different categories
- Integrate Google Map API to locate a company
- Create Rest API for providing finance data
- Fetch company finance data using Rest API

Planning - User Stories

- The idea for the project came from my desire to build my own web application for market research services. Here in this project, I started with company profile section which is often useful to perform basic research across different industry sectors. Hence, any market research organization can use my platform and leverage it to offer a complete company profile service.

Planning - User Stories

- The users of the web application can register themselves by making their own user account. The registered account can then visit the web application by logging through their account and perform basic actions such as viewing list of companies and their details such as address, industry, sub-industry, revenue, and etc.

- Users can navigate through the links to explore components in detail. As an example, user can click the company name to navigate through the company website or click the address to simply locate it in google map

Planning - User Stories

- Users can search through categories for keywords. Users can choose to see the numbers of result items per page as desired and also can navigate through the page numbers.

- The admins can create, update, delete company profiles and any of its details to keep the web application up-to-date.

- Admins can fetch company financial data by consuming web service.

Planning - Database

- The project uses MySQL data base for creating tables for keeping data for company information and user details.

- H2 in memory database for finance web service which is being consumed by primary web application for fetching financial data for companies.
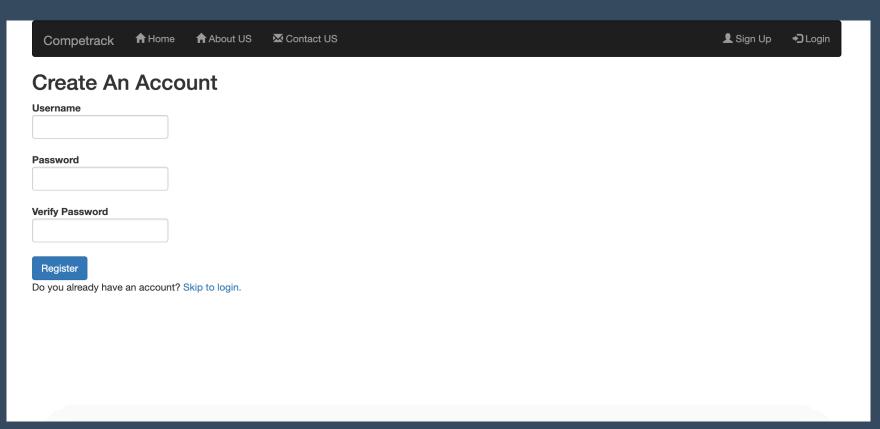
Technology Stack

- Language: Java, JavaScript, HTML
- Framework: Spring Boot MVC, Spring Security, Bootstrap
- Template engine: Thymeleaf
- Database engine: MySQL
- Other libraries or components: Hibernate, Axios, JSON, REST API
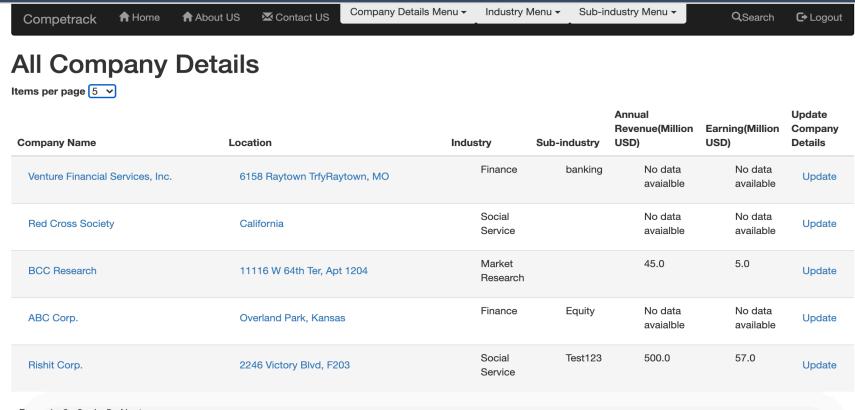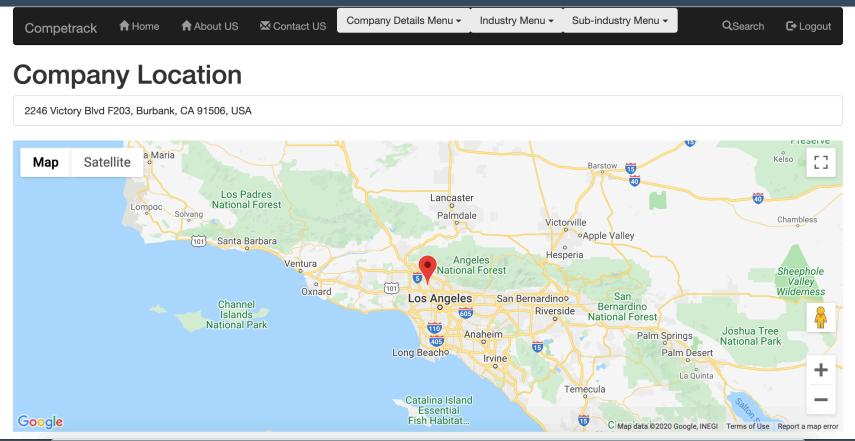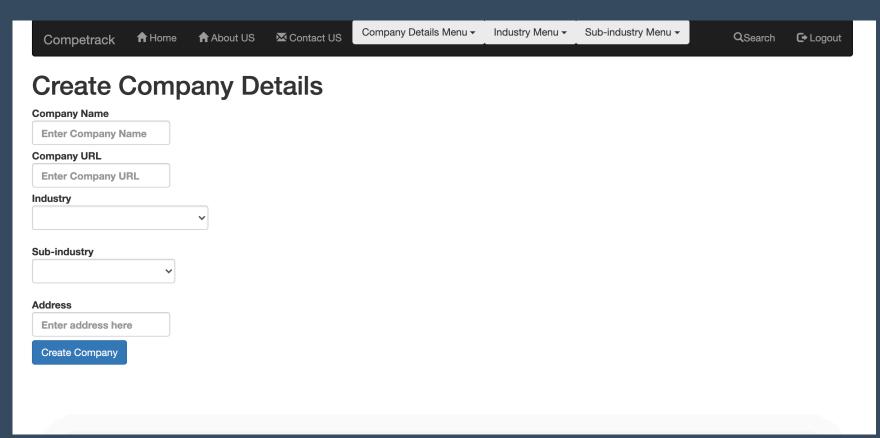
Demo

User Registration Page

Create An Account

Username

Password

Verify Password

Register

Do you already have an account? Skip to login.

View Company List

Home   About US   Contact US   Company Details Menu ⌄   Industry Menu ⌄   Sub-industry Menu ⌄   Search   Logout

All Company Details

Items per page 5 ⌄

Company Name	Location	Industry	Sub-industry	Annual Revenue(Million USD)	Earning(Million USD)	Update Company Details
Venture Financial Services, Inc.	6158 Raytown TrfyRaytown, MO	Finance	banking	No data avaialble	No data available	Update
Red Cross Society	California	Social Service		No data avaialble	No data available	Update
BCC Research	11116 W 64th Ter, Apt 1204	Market Research		45.0	5.0	Update
ABC Corp.	Overland Park, Kansas	Finance	Equity	No data avaialble	No data available	Update
Rishit Corp.	2246 Victory Blvd, F203	Social Service	Test123	500.0	57.0	Update

« Prev   1   2   3   4   5   Next »

Plotting location in Google Map(consuming Google Map APIs

Create Companies

Create Company Details

Company Name

Enter Company Name

Company URL

Enter Company URL

Industry

Sub-industry

Address

Enter address here

Create Company

Viewing list of Categories

View Companies By Category

Companies	Industry	Subindustry	Location
• Venture Financial Services, Inc.	• Energy	• Collection Agency	• 6158 Raytown TrfyRaytown, MO
• Red Cross Society	• Healthcare	• Equity	
• BCC Research	• Finance Corp	• Lithium ion	• California
• ABC Corp.	• Automotive	• lead acid	• 11116 W 64th Ter, Apt 1204
• Rishit Corp.	• Electronics	• battery	
• TCS	• Electronics & Communication	• scrap	
• Nippon Battery LLC	• Networking	• Test123	• Overland Park, Kansas
• Tesla Inc.	• Finance	• banking	
• ACA INDUSTRY APS	• Social Service	• Assest Management	
• ACCUREC RECYCLING GMBH	• Market Research		• 2246 Victory Blvd, F203
• EVCILER LTD.	• Information Technology	• REIT	
• Rome industry	• Semiconductor	• Property Management	
• SS&C Technologies, Inc.	• Entertainment		• aaa
• Federal Reserve Bank of Kansas City	• Fashion	• Vascular	• Japan
• GE Healthcare	• Instrumentation	• Insurance	
• Morningstar Communications Company	• Education & Traianing	• lending	
• Great Company	• Job	• Web Application	• Neder-Holluf-Vej 69 Odense SØ,
• First Solar, Inc.	• industrynew		
• SunPower Corporation	• Toy and Games	• Software	
• Novartis International AG	• Tourism		

Search by Category

Companies With Industry: Energy

Items per page 5

Company Name: First Solar, Inc.

Industry: Energy

Subindustry: Lithium ion

Location: 350 West Washington Street Suite 600 Tempe, AZ 85281 United States

Company Name: SunPower Corporation

Industry: Energy

Subindustry: battery

Location: San Jose, CA

What I Learned

- Developing REST API by creating Restful web services using Spring Bootand consuming it
- Connecting to external APIs (Google APIs for plotting)
- Processing JSON data
- Creating custom annotation
- Pagination of data on the screen
- Working with in memory H2 DB
- Learnt deployment process in pivotal cloud

What's Next

- Role-based Authorization to restrict users to perform admin-related works such as updating or deleting company profiles
- Improving the UI and making the application responsive using new technologies like React
- Hosting the application in AWS environment