Aasma Technology Solutions

Case Study

Case Study: Building a User Profile Web Portal, where all users can see each other profiles on a single portal.

Client: XYZ Corporation

Introduction: XYZ Corporation is a leading technology company specializing in the development of web-based applications. They have recently requested the development of a web portal to display user profiles for their employees and clients. This case study outlines the process and key considerations in creating this user profile web portal.

Project Scope:

The objective of this project is to design and develop a web portal that will display user profiles with the following details:

- User's Full Name
- Profile Picture
- Email Address
- Phone Number
- Job Title
- Department
- Location
- Short Bio

Technical Requirements:

- **Technology** : ReactJS, Node/Express JS and SQL or NoSQL DB

Product Requirements:

- **Responsive Design**: Creating a responsive and user-friendly design that works on various devices and screen sizes.
- **Listing and search functionality support** [user can search from all profile for keywords more than 3 letters, based on the search made if the searched character matches any content from any profiles, then these all-matching profiles should get listed.]
- Default view should list all profiles, if you wish to read a specific profile then he can go to that profile and expand the content.
- **Performance Optimization**: Ensuring that the web portal performs well, even when handling many user profiles.