**Name:** Tejashwini M Khot  **Email-id:**tejashwini6213@gmail.com

* **Task Title:** Responsive Company Member Team Page
* **Task Description:** Develop a responsive web page for the Company Member Team, utilizing React.js and adhering to the provided design reference (see attached file "designed-1").
* **Steps Taken:**

1. Analyze the design reference provided in the "designed-1" file to understand the layout and styling requirements.
2. Set up a React.js project environment to commence development.
3. Divided the webpage into components such as header, team member cards, and footer for better organization and maintainability.
4. Implemented responsive design principles using CSS media queries to ensure compatibility across various devices.
5. Utilized Flexbox and Grid layout systems to structure the webpage elements effectively.
6. Integrated animations and transitions to enhance user experience and engagement.
7. Conducted thorough testing across multiple devices and screen sizes to validate responsiveness and functionality.

* **Challenges Faced:**

1. Adapting the provided design to be fully responsive across all device resolutions posed a significant challenge.
2. Ensuring compatibility with older browsers while incorporating modern design techniques required additional research and implementation effort.
3. Managing state and props efficiently within React components to maintain code readability and scalability was a recurring challenge.

* **Solutions Implemented:**

1. Employed a mobile-first approach during development, prioritizing the layout and styling for smaller screen sizes before scaling up to larger ones.
2. Implemented poly fills and fallbacks for CSS properties not supported in older browsers to maintain a consistent user experience.
3. Utilized React hooks and context API to streamline state management and minimize code complexity.
4. Leveraged CSS preprocessors such as SASS to enhance code modularity and reusability, facilitating easier maintenance and updates.

* **Learnings: Task – 1**

1. Enhanced proficiency in React.js development, particularly in building responsive user interfaces.
2. Improved understanding of CSS grid and flexbox layout systems for creating complex yet adaptable webpage layouts.
3. Developed problem-solving skills through overcoming challenges related to cross-browser compatibility and responsive design implementation.
4. Gained insights into the importance of code organization and architecture for maintaining scalable and maintainable projects.

* **Project Update:** Task One has been successfully completed. The responsive Company Member Team Page has been developed according to the provided design reference. Thorough testing has been conducted, ensuring compatibility across various devices. The project has been submitted within the specified deadline.