# React Developer Task

## Overview

Develop a web application that reimagines the GitHub interface using the GitHub API. This app should allow users to search for GitHub profiles and explore their public repositories, including details like repo files and commit histories.

## Technical Requirements:

- Technology Stack: React (additional libraries and frameworks can be added as needed)

## Features and Pages:

### 1. Landing Page

- Functionality: Prompt users to enter a GitHub username.

- Navigation: Upon submission, redirect the user to the respective Repository Page.

### 2. Repository Page

- Profile Display: Show the profile picture and username of the GitHub account.

- Repository List: Display all public repositories of the user, including the repository title and description.

- Navigation: Allow users to click on a repository to view detailed contents.

- File Browser:

  - Display the list of files in the repository.

  - Support navigating through directories.

  - Provide an option to download files.

### 3. History Page (Bonus)

- Access: Include links on Repository Pages to view the History Page for each repository or subdirectory.

- Details: Show all commits made to the repository or a subdirectory.

- Pagination: Implement pagination for listings with more than 20 entries.

## Deliverables:

- Deployed Application: A publicly accessible link to the deployed app.

- Code Repository: A GitHub repository containing the complete project code.

- Unit Tests: (Optional) Include unit tests covering key functionalities.

- User Interface: Ensure the application is user-friendly.