React-Python Project

Project Description:

User Registration and Navigation:

1. Frontend (React.js):
    - User Registration Form: Built a registration form using React.js components that validates the username (must start with a capital letter) and the password (must be at least 6 characters long).
    - Success Message: Displayed a success message upon successful registration: "Registration complete! You will be redirected shortly."
    - Navigation: Implemented navigation to the UserProfile page using React Router's state management, avoiding the use of query parameters in the URL.
    - Error Handling: Added functionality to display "Web services unavailable" if the connection to the backend service fails.
2. Backend (Django):
    - API Endpoint for Registration: Created a Django API endpoint to handle user registration, including validation logic.
    - API Endpoint for Profile: Implemented a Django API endpoint to provide user profile information to the frontend.

UserProfile Display:

1. Frontend (React.js):
    - UserProfile Component: Developed the UserProfile component to display the user's name at the top of the page based on the data received from the backend.
2. Backend (Django):
    - API Endpoint for Profile: Provided user profile information to the frontend through the Django API.