Job Simulation Report: Multi-Page Feedback Application

Project Title: Implementation of a Multi-Page Feedback Application

Role: Front-End Routing & State Management Intern

Technology Stack: React, Material UI (MUI), React Router, useNavigate, useParams, useState.

Objective

To design and implement a multi-step, wizard-style user feedback application using React and Material UI. This app allows users to provide feedback across multiple steps — collecting Name, Rating, and Message — and review the information before submission. It demonstrates real-world skills in routing, state management, UI building, and validation using modern React.

Task Overview

Form Steps:

1. **Step 1** – Enter Name
2. **Step 2** – Provide Rating
3. **Step 3** – Write a Feedback Message
4. **Step 4** – Review and Submit
5. **Thank You** – Post-submission screen

Functional Requirements:

- Use useState in App.jsx to store form data: name, rating, message
- Use useParams() to control the current step via route (e.g., /step/1)

- Use useNavigate() to move between steps
- Preserve data across all steps
- Final Review screen summarizes all inputs and submits
- After submission, show a Thank You screen

UI Requirements:

- Use only Material UI Components:
    - <TextField>, <Rating>, <Button>, <Typography>, <Container>, <Box>
- Use <Stepper> and <StepLabel> to show current progress
- Responsive layout using MUI Box and sx props

Code Structure

File Name	Description
App.jsx	Main routing logic, state management
Step1.jsx	Input for Name
Step2.jsx	Star Rating Component
Step3.jsx	Feedback Message Textarea
Review.jsx	Final summary and submission
ThankYou.jsx	Post-submission success screen

Implementation Highlights

- useState used for managing input data across components
- useParams() used to control dynamic routes: /step/:stepId
- useNavigate() enables routing between steps

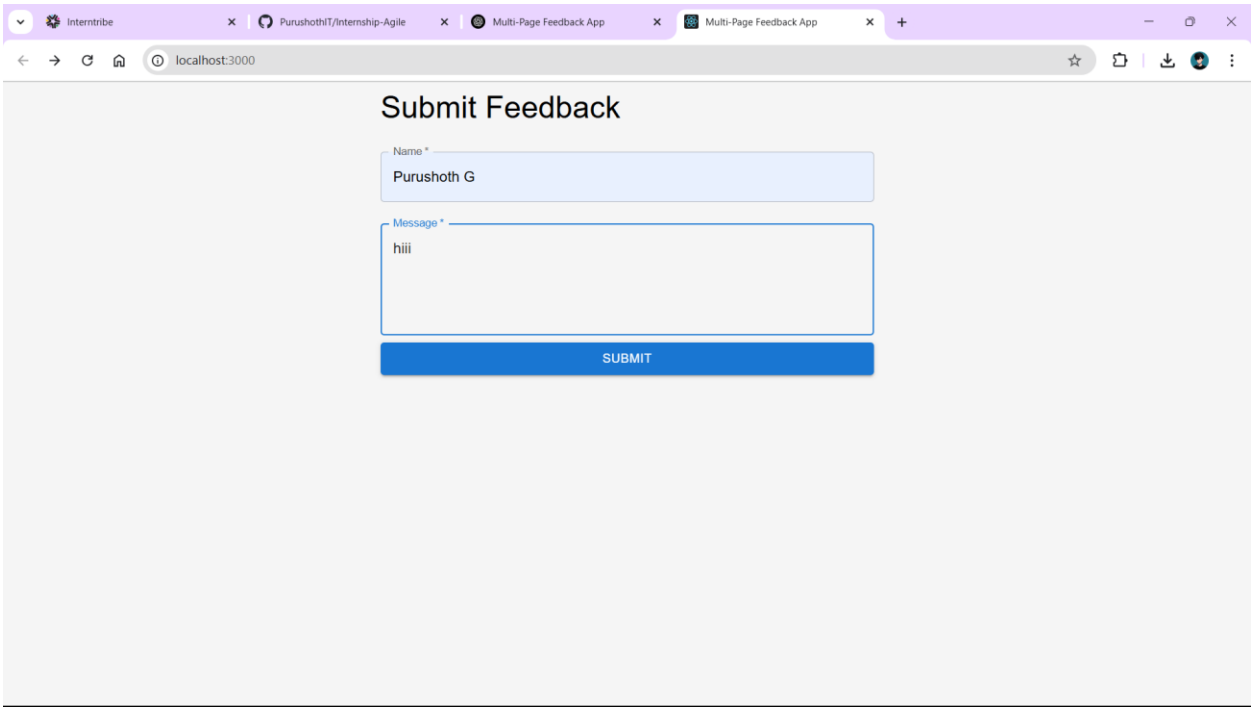
- Material UI used for all UI components (no custom CSS)
- Validation:
    - Name cannot be empty
    - Rating must be selected

Learning Outcomes

Hands-on experience with:

- Routing using React Router
- useParams() for dynamic paths
- useNavigate() for programmatic navigation
- Shared state management with useState
- Creating a multi-step wizard form
- Form validation using only MUI
- UI composition with MUI's Box and Stepper components

Project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PurushothIT/Internship-Agile
Multi-Page Feedback App
Multi-Page Feedback App
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Submit Feedback
Name *
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Message *
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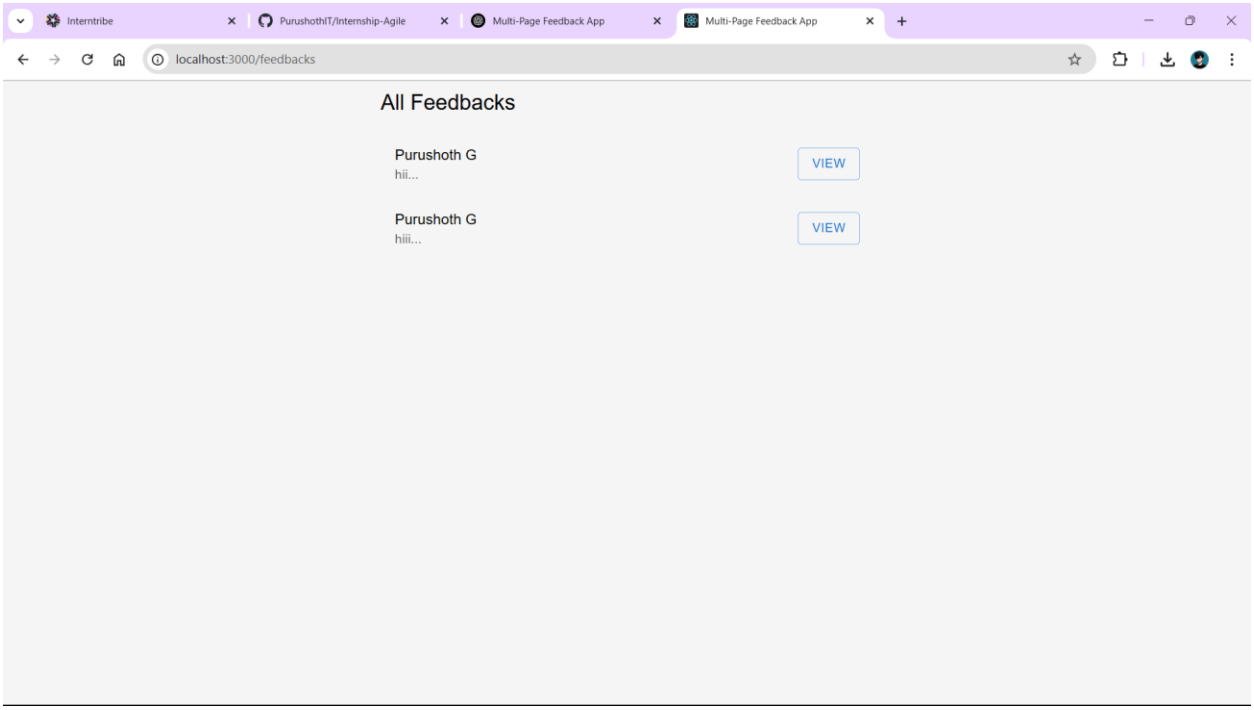
SUBMIT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PurushothIT/Internship-Agile
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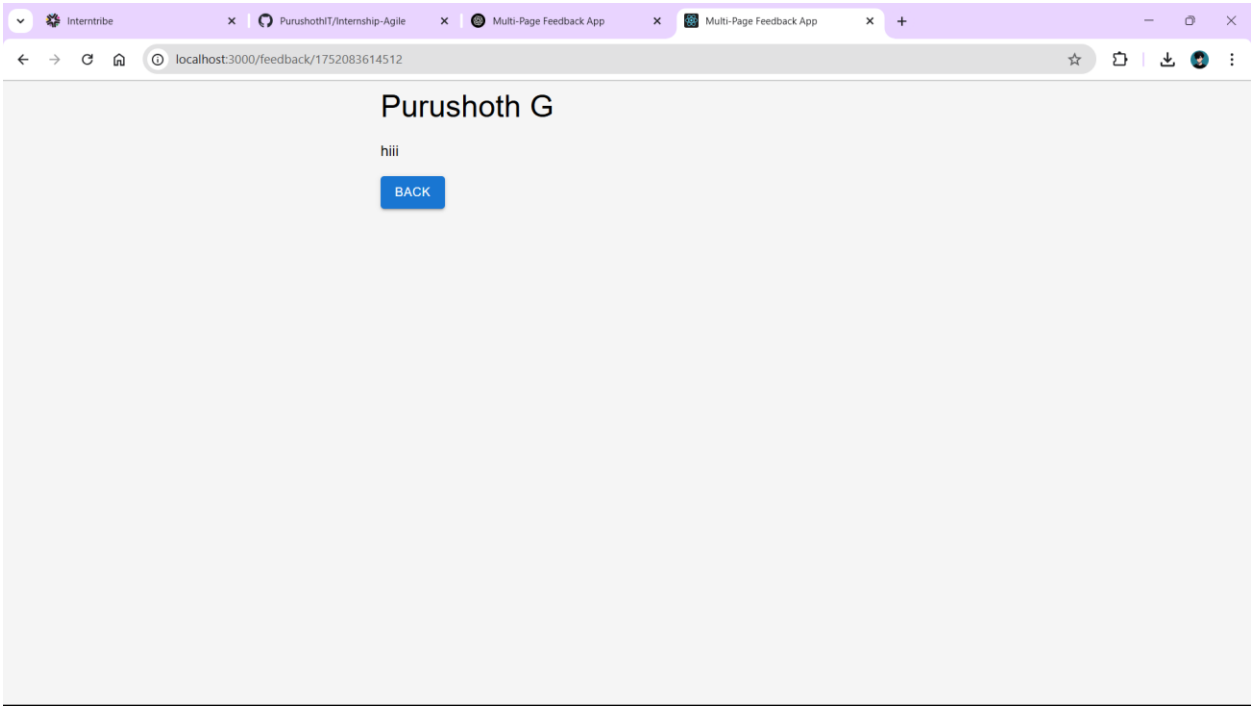
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Multi-Page Feedback App
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