

**PES UNIVERSITY**

**PES University, Electronic City Campus, Hosur Road, Bangalore- 560 100**

**Department of Computer Science & Engineering**

**Curriculum of CSE**

**Course Title:**UE23CS242A: Web Technologies

**Semester: III**

**Credits:4**

**Course Type: Core / Elective / Special Topic:Core**

**Experiential Learning (2025-26):**

**(Orange problem)**

**Smart Travel Companion Dashboard (ReactJS Single Page Application)**

Design and implement a responsive ReactJS web application called Smart Travel Companion Dashboard. This dashboard should act as a smart helper for travelers, combining media, geolocation tools, and interactive data panels. Your page must provide users with:

* Travel Welcome Video/Audio: HTML5 media (audio and video) showcasing destination highlights.
* Current Location Panel: Geolocation API to fetch and display the current position of the user.
* User Profile: Using Axios fetch the user profile data from url - <https://jsonplaceholder.typicode.com/users> and display the information about the user.
* XML to JSON Conversion: Have a “Convert Booking XML” button that parses a hardcoded booking (as XML), converts it to JSON, and shows the result.
* All UI sections should use functional ReactJS components with JSX, and a responsive Flexbox layout.

Rubrics:

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| --- | --- |
| HTML5 Media | 2 marks |
| Geolocation | 2 marks |
| Axios | 2 marks |
| JSON | 2 marks |
| ReactJS | 2 marks |
| Total | 10 marks |

Sample Output

