The Weather Dashboard application is built with a clean separation between a React front-end and an ASP.NET Core back-end.  
The code follows best practices including async/await, dependency injection, structured logging, and component-based design.  
The application implements caching to optimize API usage, robust error handling for invalid inputs, and a responsive UI.  
Both layers include automated unit tests for core features such as weather retrieval, caching, and default city management.  
The solution demonstrates clarity, maintainability, and strong alignment with the provided evaluation criteria.