

Clear Objectives and Scope

The creation of a web application for share price comparison is the project's main goal. Users will be able to access and evaluate daily share prices of various firms over time with this application. The project's scope is well-defined; its main goal is to give consumers the ability to get and compare share prices for up to two firms during predetermined time periods. To ensure a focused and controlled development process, complex functionality like analytics and portfolio management will not be included in the project.

Thorough Investigation and Consideration

To guide the development process, a comprehensive investigation will be carried out. Investigating current share price comparison websites like Bloomberg Terminal, Yahoo Finance, and Google Finance will be part of this. We'll consider both technological and non-technical factors. The study will examine suitable charting libraries, data storage options, and techniques for data retrieval on a technical level. The non-technical aspects will prioritise application performance, user experience, and user interface design. Robustness and dependability will be ensured by anticipating and planning for potential edge cases, such as problems in managing huge datasets and data retrieval.

Effective Organization and Presentation

It is essential to effectively organise and explain the needs. User stories or use case scenarios will be used to define requirements, along with concise explanations and acceptance criteria for each. The application's flow and user interface layout will be shown via wireframes or diagrams. All team members will have access to this documentation using collaborative platforms, guaranteeing that everyone is aware of the project's goals and requirements.

Alignment with Project Goals

The Share Price Comparison web application's essential features will be meticulously matched with every demand. Based on their significance and influence on the overall functioning and user experience, requirements will be ranked by priority. Throughout the development phase, the project's technological approach and architectural design consistency will be upheld, guaranteeing focused and unified results.

Incorporation of User Feedback

A key component of the development process will be user feedback. To guarantee that the application satisfies user demands, mechanisms for gathering user feedback will be in place. The group will be able to refine the functionality and design in response to customer feedback thanks to a feedback loop. Users will also be able to report faults and make suggestions for enhancements, which will promote user happiness and ongoing development.

Testing and Quality Assurance

A thorough testing strategy will be created to guarantee the calibre of the application. Unit tests, integration tests, and end-to-end tests will all be part of this approach. Before deployment, frequent testing cycles will be carried out to find and address bugs. The testing procedure will be streamlined with the use of automated testing technologies, which will guarantee consistent quality and lower the possibility of errors. Following these recommendations will enable the team to satisfy the requirements for Sprint 1 and provide an excellent, user-friendly Share Price Comparison web application.