

LiftOff Features / Examples

Each feature should add a new component to your project but not be so small as to be trivial. It's difficult to define what a significant feature is, but we'll help you understand as you go. Adding a new button to your web project? Probably not significant enough. Creating a discussion forum on your own? That's probably too big. Adding user authentication? Yep, that's great!

Below you will find some additional examples of features:

Feature Examples

- **User Authentication** (Spring Security, Identity, custom, Auth0, etc)
- **Ability to edit/customize user account** (username, profile picture, phone number, email, etc)
- **CRUD** Functionality for data stored based on the needs of your application
 - Full CRUD on front-end (separate feature)
 - Full CRUD on back-end (separate feature)
- **API** consumed by either front or back-end
- Back-end API consumed by front-end library/framework (full stack application like Java/Spring – Javascript/React with database connection)
- **Search** capability within the app
- **Notifications** or **alerts** to users using additional service
- **Deploying** your application for real-time analytics or data visualization

- Data Visualization / Analytics (something like Power BI, Tableau, or any free service)
- Using D3 for interactive **data visualization** within the application
- **End-to-end Use Case Testing**
 - Implementing MVC and/or REST API testing using the Spring Boot Test and Mocks

Non-feature examples

- Adding a new button to the page
- Basic or individual element CSS styling
- HTML
- Just listing specific tools or libraries. If you use a library or tool to build one of the features above, that is great! We need to know why you chose that tool and how it makes the feature you were working on possible.
- Simple Deployment (For example deploying your application just for demonstration purposes). This does not relate to stopping/starting the application to save money. Just the deployment itself.
 - Containerizing your application within Docker. This may be helpful for demonstration purposes but is not a feature as it has no impact on the application itself
- IDE or tool used to build the application (like using VIM instead of Visual Studio Code, or Eclipse instead of IntelliJ)
- Documentation