

# Web Development Project

## Group Project Expectations

- Group Projects: 3-4 people per group
- Feature Requirements: **3 features per group member**
- Total features per project: 9-12 minimum features
- Project Management Platform: [GitHub Projects](#)
- Must use **Java(Spring)/C#(.NET) and MySQL**.

Each group member is responsible for developing at minimum 3 features of the project. Learners may work collaboratively, however, they must be the main contributor for 3 features. LaunchCode encourages creativity in project design, and this document should be a guide for planning. If learners are interested in utilizing a front end framework, we currently recommend React.

## Must Include

- Full CRUD Functionality
- User Account Creation and Management
- Relational Database (SQL Preferred)
- External API usage

## Sample Feature List

- Blog functionality
- Ability to favorite items or posts to a user account
- Ability to search the database
- Contact form
- Ability to leave comments
- Mobile Responsiveness
- Ability to purchase something on the website
- Ability to upload a photo to the site and apply tags to it
- Implement a review system
- Navigation bar that adapts to user accounts
- Ability to sign up for a rewards system

## Additional Recommended Languages or Frameworks

- |                           |              |
|---------------------------|--------------|
| • Vue.JS                  | • Docker     |
| • Node.JS                 | • Express.js |
| • Bootstrap / Tailwindcss | • MongoDB    |
| • AWS / Digital Ocean     | • Angular    |

## Recommended APIs

- [SoundCloud](#)
- [Yelp](#)
- [Stripe](#)
- [Spotify](#)
- [GitHub Repo with more API Options](#)