

Teste e Qualidade de Software

Group Project - Deliveries as a service

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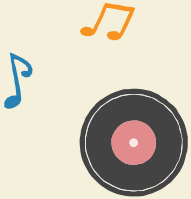
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01 Delivery Service and Music Shop



Delivery Service



Universal

Made with the intention to work with any shop



Efficient

Able to handle high amounts of requests



Maintainability

Made to be easy to update and maintain



Accessible

Accessible anywhere for riders and managers



Music Shop



Products

Buy an instrument or a vinyl disc



Order

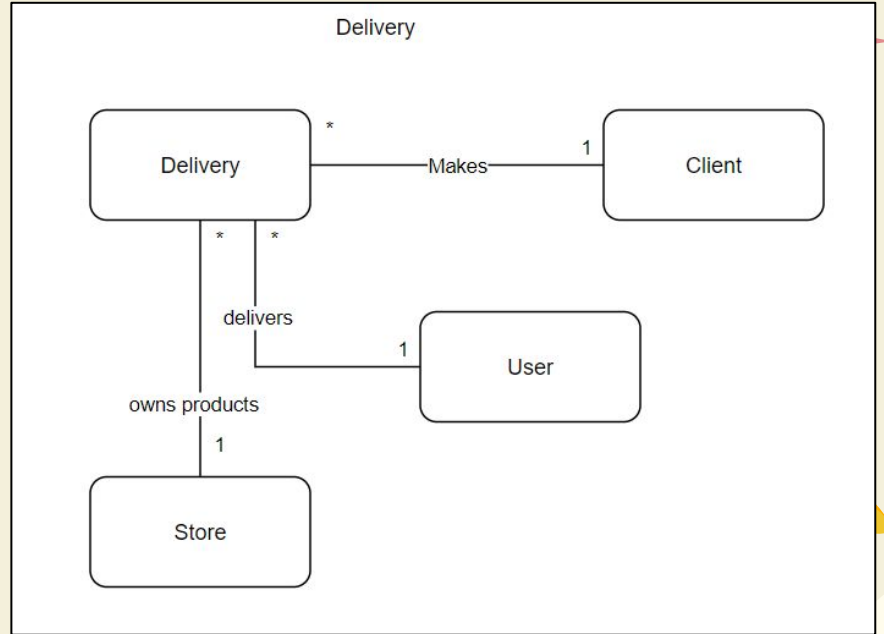
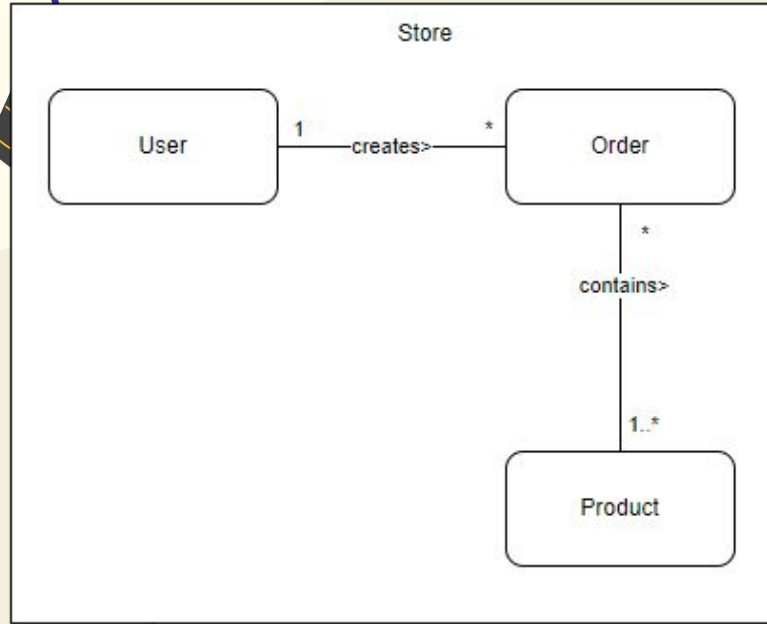
See your order status



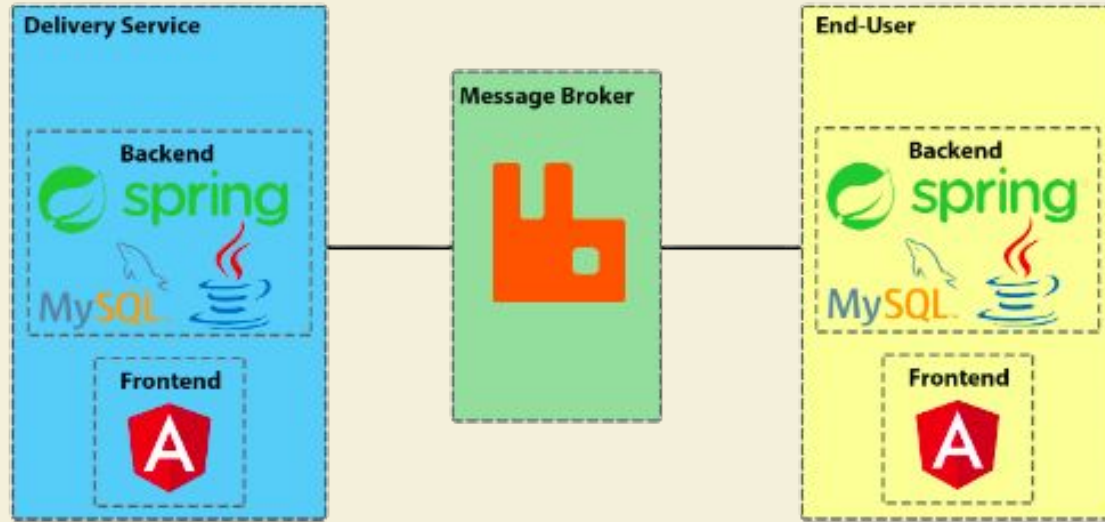
Delivery

Have your purchase delivered to your home

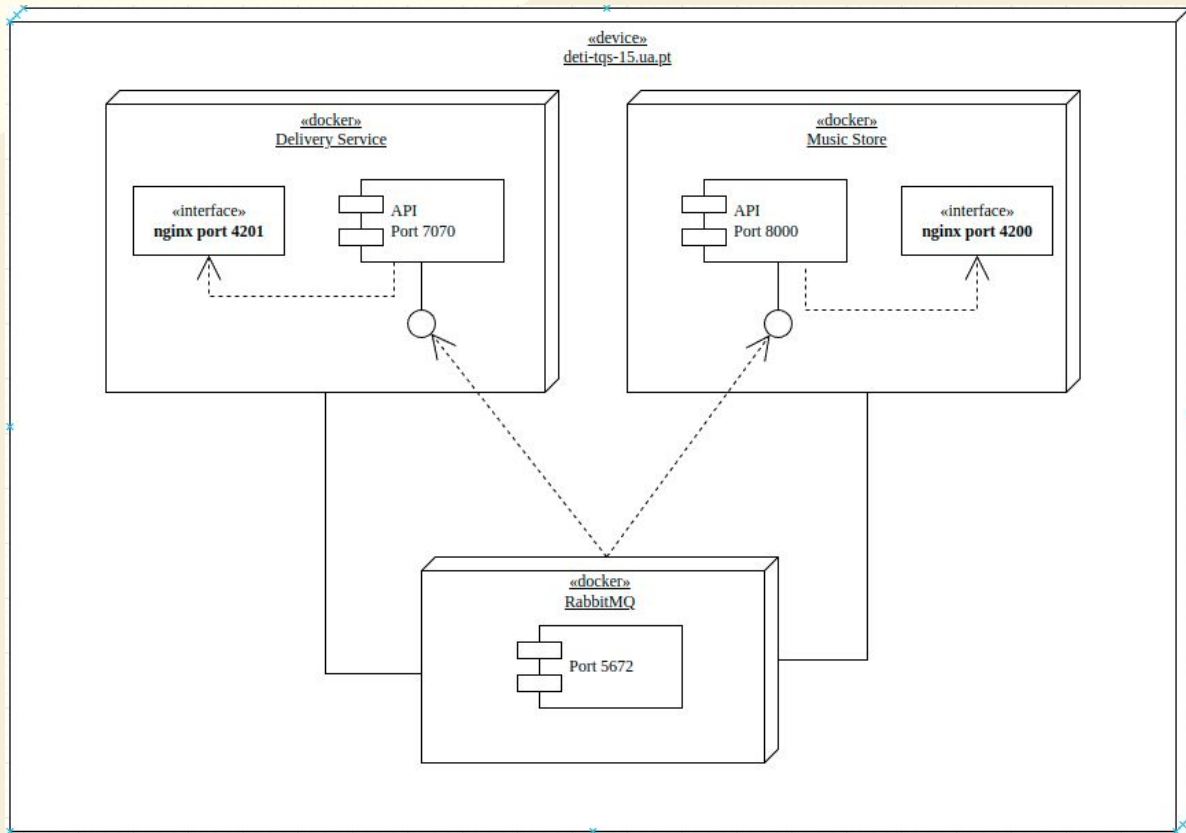
Domain Model



Architecture

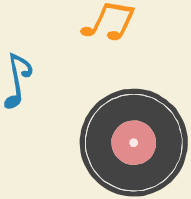


Deployment Diagram





02 Development Flow and Backlog Management



Github Workflow and Backlog



Branches & Pull Requests

Branch naming guidelines;
Pull request analysis;
Code acceptance criteria;

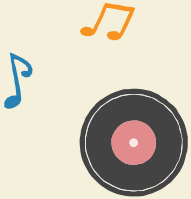


Jira

Workflow;
Task assignment;



03 Testing and Quality Assurance



CI/CD and Testing



New features are delivered to an environment and continuously deployed in the production environment



Code is analyzed by SonarQube and tests are ran by Jenkins



Unit tests via mocking, further testing with integration and functional (Selenium) tests



API documentation for Delivery and Music Shop app

Demonstration

