

Team Xreamier

Daniel Chan

Nick Nadeau

Raymond Gao

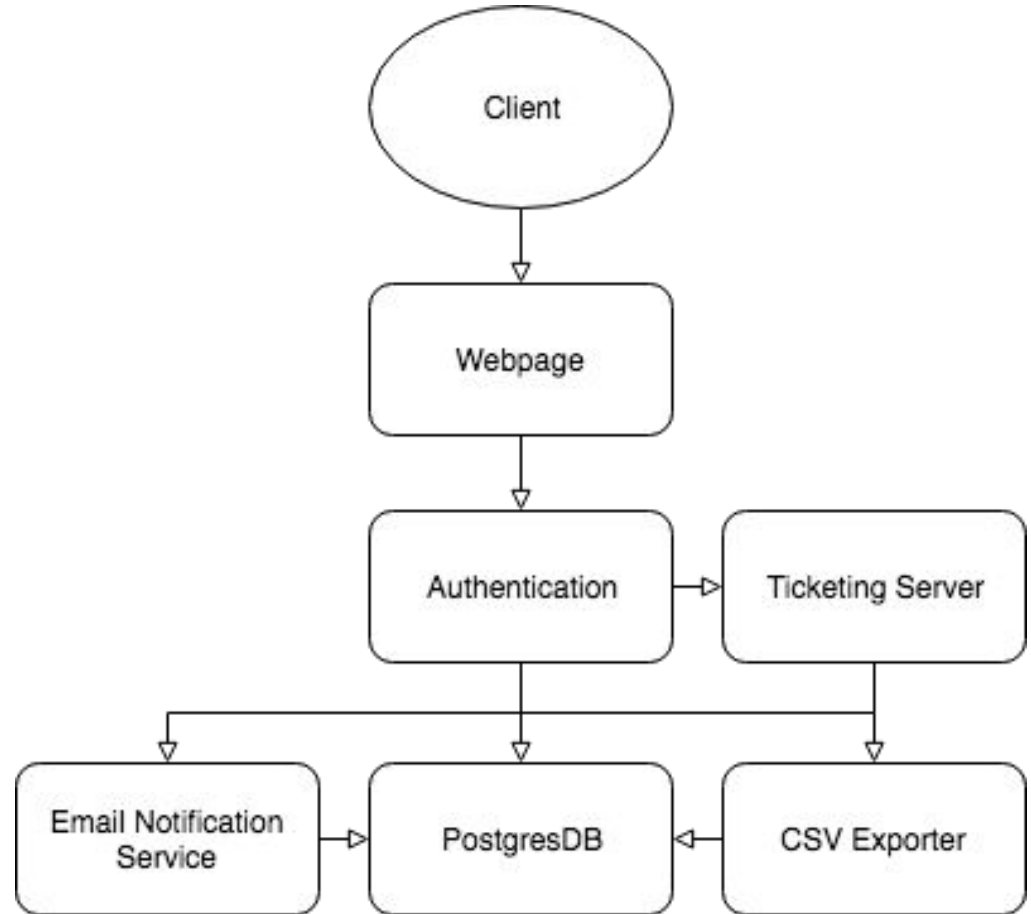
Jonathan Pelastine

Patrick Gronowski

Matthew Veltri

Planned Deliverables

- Most important:
 - Authentication
 - Ticketing Server
 - PostgreSQL DB
- Extras (for now):
 - Webpage
 - Email Notification Service
 - CSV Exporter



Progress

- Completed:
 - **Database:** Set up and fully tested
 - **Authentication:** Set up and fully tested
 - **Email Notification:** Set up and fully tested
 - **Ticketing Server:** Ticket creation and status change
- In Progress:
 - **Ticketing Server:** Notes, Routes, Testing
 - **Webpage:** Routes, Dashboards, and To Do Lists

Demo

Testing

- Mocha, Chai, Python unittest

```
Authentication
  POST /signup
DATABASE SUCCESSFULLY CONNECTED.
Server is ONLINE.
  ✓ it should successfully sign up a new user. (137ms)
  ✓ it should not allow same username to be signed up twice.
  POST /login
  ✓ it should login a pre-registered user. (71ms)
  ✓ it should not login a user with incorrect credentials.
  GET /test_protected
  ✓ it should not allow user to access protected area.
  ✓ it should allow a logged in user to access protected area. (81ms)

6 passing (353ms)
```

Changes

- Pull requests no longer limited to subteams
- Initially planned to use Flask
 - Flask for Ticketing Microservice
 - NodeJS for Authentication Microservice
- Different ORM implementations, NodeJS and Python
- Postpone Docker implementation

To Do

- Complete Ticket Microservice routes
- Link frontend client with backend
- Dockerize microservices
- CSV Exporter