
Progress Report
RubberDuckys
Tawfic Jobah,
Dylan Gonzalez,
Aldair Martinez

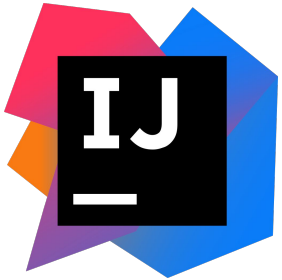
Programs required to set up

VS Code: For the frontend UI

InteliJ: For the backend logic

Java: Downloaded for program logic

Github: Cloned repository of the previous group’s code



Backend (IntelliJ)

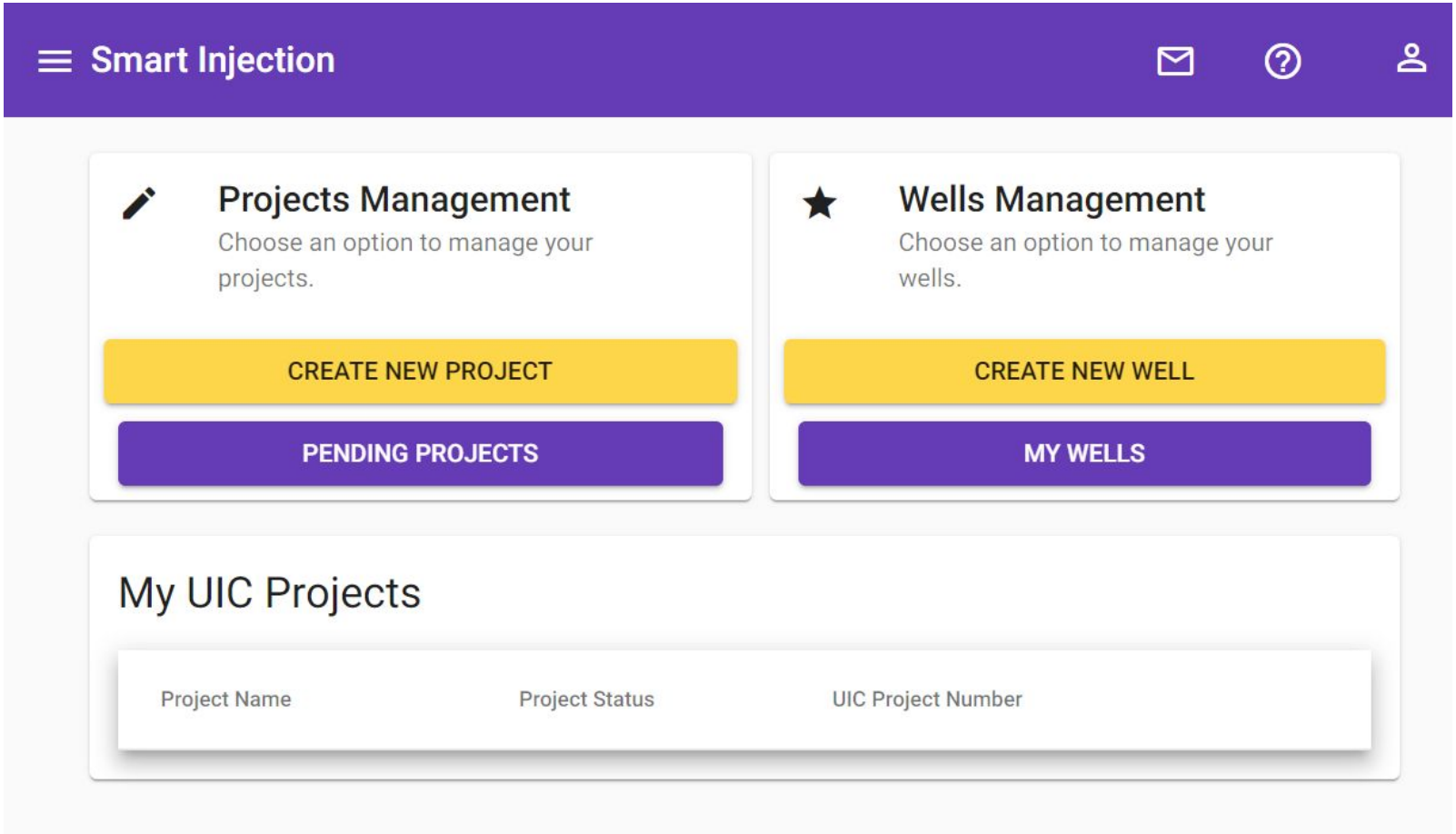
- IntelliJ was our IDE of choice
- Used to run the backend portion of the program
  - Sets up Corda
- We ran these commands:
  - ./gradlew deployNodes: used to set up the nodes
  - .\build\nodes\runnodes.bat: used to run the nodes

Frontend (VS code)

- Used to run the frontend UI portion of the program
- We ran these commands:
  - npm install: installs necessary packages
  - npm start: executes scripts

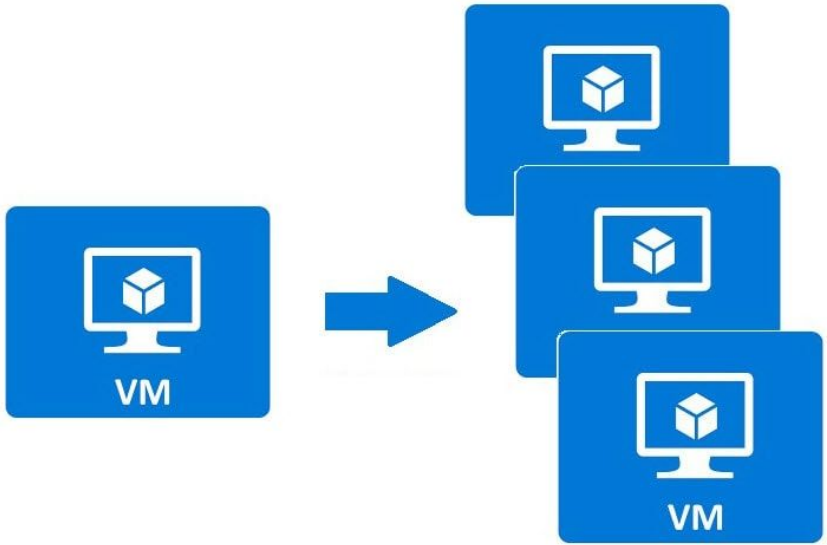
- Once the packages are downloaded and start command is executed, a webpage is generated.

The results should look like….



The next step...

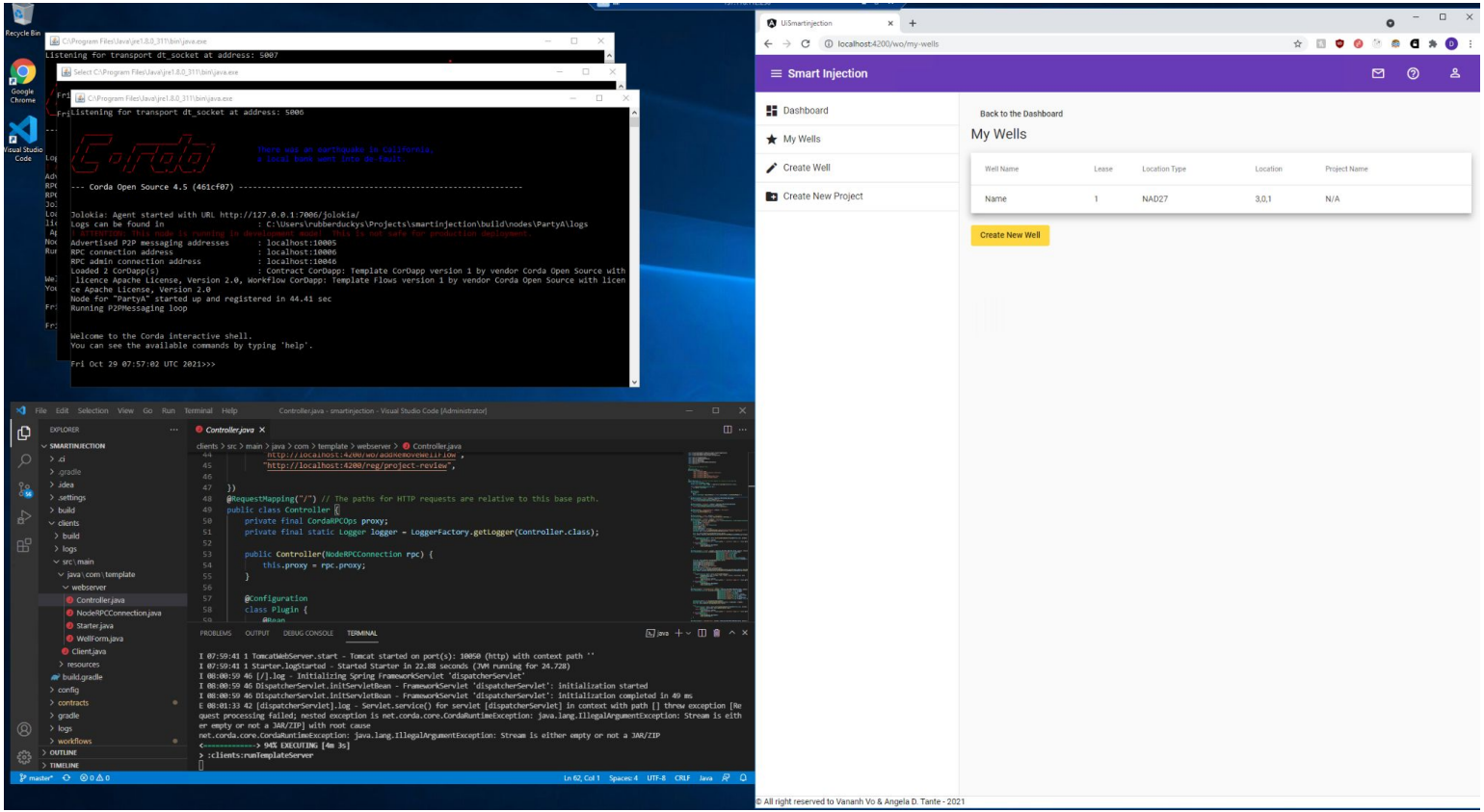
Now that we have the program working on our local machine, the next step is to get it working on a virtual machine.



Azure

- Platform to host virtual machine
  - Currently backend and front end are operating on this virtual machine.
- Specs of VM
  - 2 Virtual Processors @ 2.29 GHz and 8gb of RAM

Results


Smart Injection
Dashboard
My Wells
Create Well
Create New Project
Back to the Dashboard
My Wells
Well Name
Lease
Location Type
Location
Project Name
Name
1
NAD27
3,0,1
N/A
Create New Well
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Next phase

- setting up the program on AWS instances
- Test run of instances using Heroku, UI is hosted, but Corda nodes require more setup