**CAPSTONE – FINAL ASSESMENT**

**FOOD BOX**

**Rajagopal Sai Krishna**

**2499086**

**Output:**

Graphical user interface, text, application

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*Figure 1 MySQL Script*

Graphical user interface, text, application, email

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*Figure 2 Eclipse IDE and Foodbox Spring Boot Project for Backend REST APIs Application*

Graphical user interface, text, application, email

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*Figure 3 Foodbox Backend Unit/Integration Tests*

Graphical user interface, text, application

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*Figure 4 Swagger UI*

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*Figure 5 Maven Compilation and Packaging for foodBoxApi-0.0.1.jar*

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*Figure 6 Visual Studio Code IDE and Foodbox Angular Project for Frontend Web Application*

Graphical user interface, text, application, email

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*Figure 7 Selenium Tests Maven Eclipse Project*

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*Figure 8 Local Git Repository*

Graphical user interface, application, Word

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*Figure 9 Admin – Login*

Graphical user interface, application, website

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*Figure 10 Admin - Login Failure*

Table

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*Figure 11 Admin – Categories*

Graphical user interface, application

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*Figure 12 Admin - Add Category*

Graphical user interface, application, website

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*Figure 13 Admin - Update Category*

Graphical user interface, application

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*Figure 14 Admin - Disable Category*

Graphical user interface, application

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*Figure 15 Admin - Enable Category*

Graphical user interface, application

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Graphical user interface, application

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*Figure 16 Admin - Delete Category*

A picture containing table

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*Figure 17 Admin – Offers*

Graphical user interface, application, website

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*Figure 18 Admin - Add Offer*

Graphical user interface, application

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*Figure 19 Admin - Update Offer*

Graphical user interface, application

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*Figure 20 Admin - Delete Offer*

Table

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*Figure 21 Admin – Foods*

Graphical user interface, application, email, website

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*Figure 22 Admin - Foods Displayed by Pagination*

Graphical user interface, application

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*Figure 23 Admin - Login Failure*

Graphical user interface

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*Figure 24 Admin - Foods Sorted by Name*

Graphical user interface, application, email

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*Figure 25 Admin - Update Food*

Graphical user interface, application

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*Figure 26 Admin - Disable Food*

Graphical user interface, application

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*Figure 27 Admin - Enable Food*

Graphical user interface, application

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*Figure 28 Admin - Delete Food*

Table

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*Figure 29 Admin – Logout*

Graphical user interface, application

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*Figure 30 User – Register*

Graphical user interface, website

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*Figure 31 User - Register Failure*

Graphical user interface, application, website

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*Figure 33 User Login and – Categories*

Graphical user interface, application, website

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*Figure 34 User - Foods Filtered by Category*

Graphical user interface, application

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*Figure 35 User - Foods Filtered by Category in Responsive View*

Graphical user interface, website

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*Figure 36 User - Foods Filtered by Offer*

Graphical user interface, application

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*Figure 37 User - Foods Filtered by Category & Offer*

Graphical user interface, application, website

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*Figure 38 User - Foods Sorted by Highest Price*

Graphical user interface, website

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*Figure 39 User - Foods Displayed by Pagination*

Graphical user interface, website

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*Figure 40 User - Food Search*

Graphical user interface, website

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*Figure 41 User - Food Details*

Graphical user interface

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*Figure 42 User - Food Details in Responsive View*

Graphical user interface, application

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*Figure 43 User – Cart*

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*Figure 44 User - Cart in Responsive View*

Graphical user interface, application

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*Figure 46 User - Checkout in Responsive View*

Graphical user interface, application, website

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*Figure 47 User - Order Confirmation*

Graphical user interface, application

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*Figure 48 User - Order History*

Graphical user interface

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*Figure 49 User - Order Detail*

Graphical user interface

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*Figure 50 User – Logout*

Graphical user interface, text, application, email

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*Figure 54* *Stripe Payment Gateway Test API Keys*

Graphical user interface, text, application

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*Figure 55 DevOps - AWS EC2 Instance - Security Group Configuration*

Graphical user interface, text

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*Figure 56 DevOps - AWS EC2 Instance – Instance Created and Running*

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*Figure 57 DevOps - AWS EC2 Instance - Initial Setup*

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*Figure 58 DevOps - Jenkins - Docker Hub Configuration*

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*Figure 59 DevOps - Jenkins - Publish over SSH to AWS EC2 Instance Configuration*

Graphical user interface

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*Figure 60 DevOps - Jenkins – Jobs*

Graphical user interface, application

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*Figure 61 DevOps - Jenkins - FSD-CPS-DEV Pipeline Configuration*

Graphical user interface, application

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*Figure 62 DevOps - Jenkins - FSD-CPS-STAGING Pipeline Configuration*

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*Figure 63 DevOps - Jenkins - FSD-CPS-DEV Job Run (Build#40)*

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*Figure 64 DevOps - Jenkins - Build Summary*

Graphical user interface, text, application

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*Figure 65 DevOps - Jenkins - Test Result*

Graphical user interface, text, application

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*Figure 67 DevOps - Jenkins - Recent Commit Changes*

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Graphical user interface, text, application, email

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*Figure 68 DevOps - Published Docker Images*

Graphical user interface, text

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*Figure 69 DevOps - AWS EC2 Instance - Docker Images Deployed and Running Docker Containers*

Graphical user interface

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Graphical user interface, website

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Graphical user interface, application

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Graphical user interface, application

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Graphical user interface

Description automatically generated

Graphical user interface, application, website

Description automatically generated

Graphical user interface, table

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*Figure 70 DevOps - AWS EC2 Instance - Foodbox Application Deployed and Run*

Graphical user interface, application

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*Figure 71 DevOps - Jenkins - FSD-CPS-STAGING Job Run (Build#5)*

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*Figure 72 DevOps - Git Tagging*

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*Figure 73 GitHub – Branches*