1. **Getting Started**

**Running PostgreSQL in Docker-Compose**

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Screen #1 – cd util, docker-compose up

**Compiling the Code**

Text

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Screen #2 – Job failed because of front-end compile errors

Text

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Screen #3 – Job failed because of back-end compile errors

**Section 2 – Utilize Deployment Strategies to Design and Build CI/CD Pipelines that Support Continuous Deliver Process**

1. **Build Phase**

**Test Phase**

Graphical user interface, text, application, email

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Text

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Screen #4 – frontend build successful

Graphical user interface, text, application, email

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Text

Description automatically generated

Screen #5 – Backend build successful

1. **Test Phase**

Text

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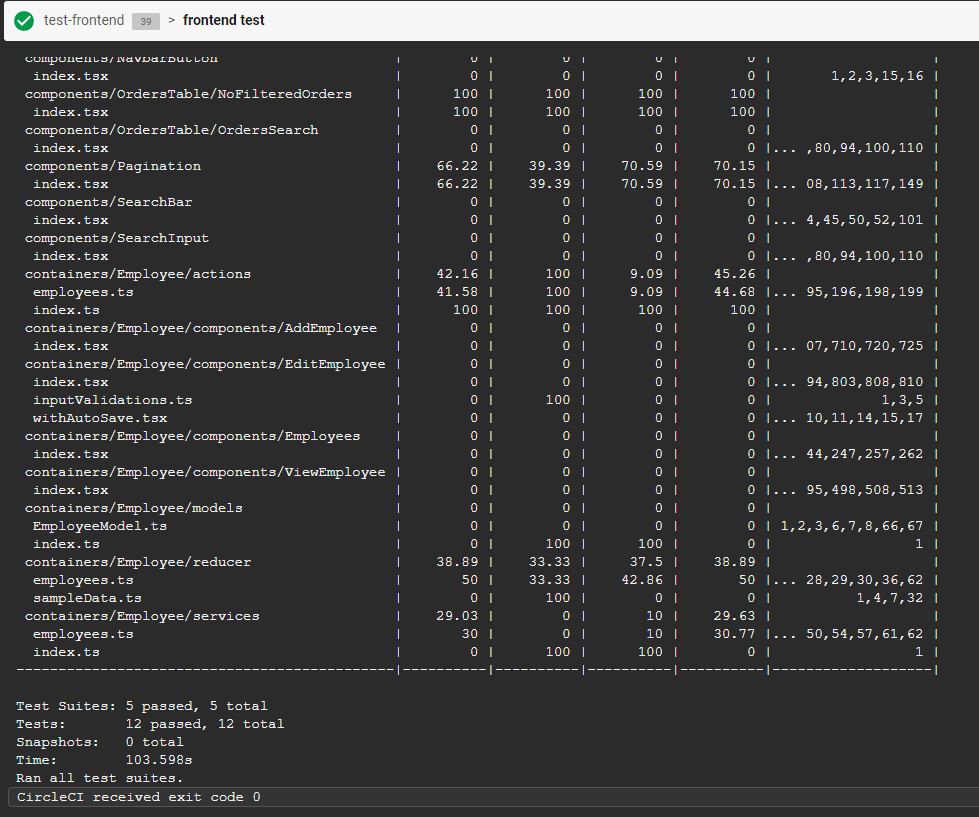
Screen #6 – Job failed because of frontend unit test errors

Text

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Screen #7 – Job failed because of backend unit test errors

Fixing Unit Test errors



Screen #9 – frontend unit test successful

Text

Description automatically generated

Screen #9 – backend unit test successful

1. **Analyze Phase – checking for known vulnerabilities**

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Screen #10 – jobs that failed because of vulnerability packages listed

Text

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Screen #11 – frontend scan

Text

Description automatically generated

Screen #12 – fixed vulnerability in backend scan

1. **Alerts**

**Section 3: Utilize a Configuration Management Tool to Accomplish Deployment to Cloud Services**

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Screen #14: Create/Deploy infrastructure job failure

Graphical user interface, text

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Screen #15 – Create/Deploy infrastructure job failure