Troubleshooting guide for PizzaHouse Application

1. Maven
2. Junit
3. Database
4. Docker
5. Miscellaneous

1. Maven

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| Issues | Troubleshooting area |
| Cannot build the project | * Make sure the command is correct, using clean / package / install * Make sure Common is packaged using “mvn clean package install” |
| Cannot pass the Junit test | * Make sure Database is up and accept connection * If it is building PizzaService, make sure OrderConfirmationService is up * Skip the Junit test by mvn clean package -Dmaven.test.skip=true |

2. Junit

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| Issues | Troubleshooting area |
| Cannot pass the Junit test | * Make sure Database is up and accept connection * If it is building PizzaService, make sure OrderConfirmationService is up * May relate to code error, check if there are errors on the java files |

3. Database

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| Issues | Troubleshooting area |
| Unable to perform operation | * Make sure there are no spring.jpa.hibernate.ddl2-auto , current permission of the DB user does not allow to alter table (Add column of drop column), the spring.jpa.hibernate.ddl2-auto will automatically create column for initalization |

4. Docker

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| Issues | Troubleshooting area |
| Unable to perform docker build | * Make sure the file path in Shell script and DockerFile is correct, folder location varies in development machine |

5. Miscellaneous

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| Issues | Troubleshooting area |
| Warning message during application startup / run | * If that is warning message, check if there are dependency or missing modules issue * Check it is hot deploy in Tomcat, if it is hot deploy, c3p0 may lead to ClassNotFound Exception, remove the jar and redeploy the project to Tomcat |