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 |
| No class found error | * Make sure it is running as Junit 4   A picture containing text  Description automatically generated |

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 |
| Tomcat server unable to start | * Depends on the developer machine capability. Application may not be able to startup in default 45 sec. Change the timeout setting in the configuration page   Graphical user interface, application  Description automatically generated |

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 |