



Hungry Student Test Cases – Milestone 1

Test Case ID	Test Scenario	Test Steps	Test Data	Priority	Expected Results	Actual Results*	Pass / Fail
1.1 (Smoke Test)	Check Map zoom (reducing / incrementing).	1. Go on selected Web Browser. 2. Reduce zoom of Map. 3. Increment zooms of Map.	<u>Web Browser:</u> Google Chrome	Medium	Map API works correctly and is possible to zoom Map.	As expected	✓
1.2 (Smoke Test)	Check Position on Map.	1. Check, by clicking on Position, if it shows correct device IP Position.	<u>Web Browser:</u> Google Chrome	Medium	Map API works correctly, especially device IP Position.	As expected	✓
1.3 (Smoke Test)	Check Map visualisation.	1. Check if Map is shown on listed Web Browsers.	<u>Web Browser:</u> Google Chrome	High	Map API works correctly for visualisation on Web Browser.	As expected	✓

*If is “As expected”, test is passed (✓).

If not, test is failed (✗) -> Write Issue on GitHub with label “bug”



Hungry Student Test Cases – Milestone 2

Test Case ID	Test Scenario	Test Steps	Test Data	Priority	Expected Results	Actual Results*	Pass / Fail
2.1 (Integration Test)	Check Database connection.	<ol style="list-style-type: none"> Set in JUnit Tests SQL queries. Check if connection to Database works. 	JUnit 4 on Eclipse/IntelliJ IDEA & MySQL Workbench	Medium	JDBC Class & MySQL Database works properly.	As expected	✓
2.2 (Unit Test)	Check “Filter” criteria.	<ol style="list-style-type: none"> Set in JUnit Tests “Vegetarisch”, “TakeAway” and both Filter. Set in JUnit Tests “Preis” Filter. Combine with listed in step 1. Set in JUnit Tests “Küche” (differents). Combine with listed in step 1. & 2. 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	Low	“Filter” criteria work.	As expected	✓
2.3 (Unit Test)	Check “Markierungen”, according to CRUD procedure (Create Read Update Delete).	<ol style="list-style-type: none"> Create a “Markierung”. See this “Markierung” if is in Database. Update this “Markierung” with new data. Finally delete created “Markierung”. 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	High	“Markierung” work.	As expected	✓
2.4 (Unit Test)	Check implemented methods in all Java classes.	<ol style="list-style-type: none"> Set in JUnit Tests, by testing all listed methods in all Java classes. Check if works (test pass). 	JUnit 4 on Eclipse/IntelliJ IDEA	High	Implemented methods in all Java classes works.	As expected	✓

*If is “As expected”, test is passed (✓).

If not, test is failed (✗) -> Write Issue on GitHub with label “bug”



Hungry Student Test Cases – Milestone 3

Test Case ID	Test Scenario	Test Steps	Test Data	Priority	Expected Results	Actual Results*	Pass / Fail
3.1 (Unit Test)	Check “User”, according to CRUD procedure (Create Read Update Delete).	<ol style="list-style-type: none"> 1. Create a “User”. 2. See this “User” if is in Database. 3. Update this “User” with new data. 4. Finally delete created “User”. 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	High	“User” work.	As expected	✓
3.2 (Unit Test)	Check “Favoriten”, according to CRUD procedure (Create Read Update Delete).	<ol style="list-style-type: none"> 1. Create a “Favorit”. 2. See this “Favorit” if is in Database. 3. Update this “Favorit” with new data. 4. Finally delete created “Favorit”. 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	High	“Favoriten” works.	As expected	✓
3.3 (Smoke Test)	Check Web UI main functions (User, Login, Favoriten & Markierungen).	<ol style="list-style-type: none"> 1. Try to create a User, to Login and Logout. 2. Relogin with current created user and try to create a “Markierung”, set this “Markierung” to “Favoriten”. Finally deleted them from “Favoriten” and from “Erstellte Markierungen”. 	<u>Web Browser:</u> Google Chrome <u>Test Tool:</u> Selenium	Low	Web UI work.	As expected	✓
3.4 (System Test)	Check implemented methods in all Java classes.	<ol style="list-style-type: none"> 3. Re-run all Unit & Selenium Tests. 4. Check if works (test pass). 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	High	New features work with implemented methods in Java classes.	As expected	✓

*If is “As expected”, test is passed (✓).

If not, test is failed (✗) -> Write Issue on GitHub with label “bug”



Test Case ID	Test Scenario	Test Steps	Test Data	Priority	Expected Results	Actual Results*	Pass / Fail
3.5 (Smoke Test)	Check "Login" with valid User.	<ol style="list-style-type: none"> 1. Create a User. 2. Login with this created User. Try as first with a wrong password. See error message. Then login with correct Password. 3. Logout. 4. Check if User is listed in Database. 5. Set a new Password for current user. 6. Logout and re-login to check if works. Finally, Logout. 	<u>Web Browser:</u> Google Chrome <u>Test Tool:</u> Selenium	Medium	Valid "Login" works (positive test).	As expected	✓
3.6 (Smoke Test)	Check "Login" with invalid User.	<ol style="list-style-type: none"> 1. Login with an invalid User (not created user or. not listed in Database). 	<u>Web Browser:</u> Google Chrome <u>Test Tool:</u> Selenium	Medium	Invalid "User" will not work (negative test).	As expected	✓

*If is "As expected", test is passed (✓).

If not, test is failed (✗) -> Write Issue on GitHub with label "bug"



Hungry Student Test Cases – Milestone 4

Test Case ID	Test Scenario	Test Steps	Test Data	Priority	Expected Results	Actual Results*	Pass / Fail
4.1 (Unit Test)	Check “Rezensionen”, according to CRUD procedure (Create Read Update Delete).	<ol style="list-style-type: none"> 1. Create a “Rezension”. 2. See this “Rezension” if is in database. 3. Update this “Rezension” with new data. 4. Finally delete created “Rezension”. 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	Medium	“Rezensionen” works.	As expected	✓
4.2 (Unit Test)	Check “Erweiterte Registration” functions.	<ol style="list-style-type: none"> 1. Use same Tests of “User” (See MS3: 3.1), by adding new implemented features on “Registration”. 	Eclipse/IntelliJ IDEA <u>Test Tool:</u> JUnit 4 & Selenium	Medium	“Erweiterte Registration” works with already implemented User “Registration”.	Not supported! ➔ No Test!	NA
4.3 (Integration Test)	Check Mobile compatibility.	<ol style="list-style-type: none"> 1. Try to do some Web UI functions in Mobile device. 2. Check if it works. 	Android Device emulator (Android Studio)	Low	“Mobile” or. Android compatibility works.	Not supported! ➔ No Test!	NA

*If is “As expected”, test is passed (✓).

If not, test is failed (✗) -> Write Issue on GitHub with label “bug”



Test Case ID	Test Scenario	Test Steps	Test Data	Priority	Expected Results	Actual Results*	Pass / Fail
4.4 (Acceptance Test or. System Test)	SUT (System Under Test): Check if developed software accords to Acceptance criteria of Technical documentation.	1. Check if developed software respect "Acceptance criteria" (explorative test) of Technical documentation (see "Pflichtenheft").	Eclipse/IntelliJ IDEA <u>Web Browser:</u> Google Chrome <u>Test Tool:</u> JUnit 4 & Selenium	High	Software respect "Acceptance criteria".	As expected	✓
4.5 (Regression Test)	REG (Regression Test): Recheck implemented features.	1. Run Unit Tests with JUnit. 2. Run Selenium Tests. 3. Explorative Test.	Eclipse/IntelliJ IDEA <u>Web Browser:</u> Google Chrome <u>Test Tool:</u> JUnit 4 & Selenium	High	Complete Software works.	As expected	✓
4.6 (Regression Test)	REG (Regression Test): Recheck corrected issues.	1. Recheck if works corrected issues. 2. Run Unit Tests with JUnit. 3. Run Selenium Tests. 4. Do short Explorative Test.	Eclipse/IntelliJ IDEA <u>Web Browser:</u> Google Chrome <u>Test Tool:</u> JUnit 4 & Selenium	High	Complete Software works (with corrected issues, if available).	As expected	✓
4.7 (Smoke Test)	Check final software working on Tomcat Server 8.5.35.	1. Open Eclipse / IntelliJ IDEA. 2. Start Tomcat Server. 3. Open Web Browser. 4. Check final Software before Release.	Eclipse/IntelliJ IDEA, Web Browser & Tomcat Server	High	Hungry Student App works!	As expected	✓

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If not, test is failed (✗) -> Write Issue on GitHub with label "bug"