

User Acceptance Test

Project Name: Product CRUD API

Project Sponsor:

Service Owner: Hazem Atya

Project Manager: Hazem Atya

Document Date: 01/02/18



1. UAT Scope (In Scope – Out of Scope)

UAT - In Scope	UAT - Out of Scope
<p>In Scope</p> <ul style="list-style-type: none">- Creation of a product- Updating a product- Deleting a product	<p>Out of Scope</p>

2. UAT Assumptions and Constraints

UAT Assumptions

Assumption

- **Test environment:** The test cases are conducted by 2 QA manager, meeting rooms are blocked, and hard- and software is provided by IT
- **Test documentation:** All UAT test cases are documented in the API description.
- **Error reporting:** Errors, failures and other flaws are reported using a google form.

UAT Constraints

Constraint

- **Time frames:** Test results must be provided by June 6,2022.
- **Resources:**
 - Human resources: 3 testers available for 1 day.
 - Provided hardware: Macbook Air, iMac.
 - Tested operating systems:
 - Mac OS X: 10.10, 10.11, 10.12, 10.13
 - API testing tools:
 - Postman (latest 2 versions)
 - Insomnia (latest 2 versions)

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3. UAT Risks

Description	Probability High Med Low	Impact High Med Low	Mitigation
not properly trained Testers	Low	Med	Ongoing training sessions for testers
Incomplete test environment due to time constraints	Med	Med	Realistic time and resource planning
Error handling: Testers are not aware on how to report bugs	Low	High	Easy-to-use bug reporting solution for UAT test available
UAT test failure	Low	High	Feature-complete development done before UAT test start

4. UAT Team Roles & Responsibilities

Name	Roles	Responsibilities
Mohamed Slaha	Tester	Testing on OS X postman
Ali ben Ali	Tester	Testing on OS X insomnia
Hazem Hazem	QA Manager	Managing UAT Test

5. UAT Entry Criteria

ID	Criteria
5.1	The development of the Product CRUD is fully completed
5.2	Integration tests are completed

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6. UAT Requirements-Based Test Cases

ID	Test Cases
6.1	<p>Creation:</p> <ul style="list-style-type: none">Please open the Api test tool: postman/insomniaSend a Post request to the url '3.39.232.73:3000/products' with the following body: <pre>{ "description": "This is my fourth product", "qty": 15, "name": "Fourth" }</pre> <ul style="list-style-type: none">Expected result:<ul style="list-style-type: none">Returns a product
6.2	<p>Updating a product:</p> <ul style="list-style-type: none">Please open the Api test tool: postman/insomniaSend a Patch request to the url "3.39.232.73:3000/products/id" with the following body: <pre>{ "qty": 20, }</pre> <p>id = _id from the last returned product</p> <ul style="list-style-type: none">Expected result:<ul style="list-style-type: none">The new product returned with the same _id but different qty
6.3	<p>Deleting a product:</p> <ul style="list-style-type: none">Please open the Api test tool: postman/insomnia <p>Send a Delete request to the url "3.39.232.73:3000/products/id" with</p> <p>id = _id from the last returned product</p> <ul style="list-style-type: none">Expected result: the deleted product

7. UAT Test Results

ID	Test Cases	Pass/Fail	Tested By	Date Tested
7.1	Creating a product	Pass	John doe	06/06/2022

8. Document Signatures

Role	Name	Signature	Date
Service Owner	Hazem Atya		07/06/2022

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Project Manager	Hazem Atya		07/06/2022