

# FINAL PROJECT

## Requirement Review Report



FACULTY OF ENGINEERING AND APPLIED SCIENCE

**SOFE 2720U**

**Principles of Software & Requirements**

**Ontario Tech University**

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**Winter 2022**

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## I. IDENTIFICATION PAGE

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Ahmaad Ansari



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Darren Constantine



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Jason Stuckless

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### III. REQUIREMENTS

ID	Name	Text	ID	Source	Kind	Verify Method	Risk	Status
1	Catalog Browsing	The system displays a list of products when a certain keyword is searched	USR 001	Interview	Functional	Test	Low	Proposed
2	Check-Out	The system is to take in E-Banking credentials and have an order processed	USR 002	Interview	Functional	Test	Low	Proposed
3	Illusive Content / Sensitivity	Users are able to report illusive content found on the web page	USR 003	Interview	Functional	Test	Low	Proposed
4	Verification	The systems sends an account verification email to the user when registering an account	USR 004	Interview	Functional	Test	Low	Proposed
5	Product Reviews	The system shows product reviews that have been submitted by other	USR 005	Interview	Functional	Test	Low	Proposed

		customers						
6	Cart Review	The user is able to view the contents of their cart	USR 006	Interview	Functional	Test	Low	Proposed
7	Order History	The system will show the user all orders that have been placed on their account	USR 007	Interview	Functional	Test	Low	Proposed
8	Tracking an Order	The system shows a live status on a customers order	USR 008	Interview	Functional	Test	Medium	Proposed
9	Product-List Filtering and Sorting	The system sorts and filters the merchandise to be displayed	USR 009	Interview	Functional	Test	Low	Proposed
10	Product Specifications	Each product contains their specifications	USR 010	Interview	Functional	Test	Low	Proposed
11	Live Customer Support (Chatbots)	Artificial conversation entities are available to customers seeking help	USR 011	Interview	Functional	Test	Medium	Proposed
12	Transparent Security and Privacy	Users are aware of how their personal information is being used	USR 012	Interview	Interface	Test	Low	Proposed
13	Design	Web page	CLT	Interview	Interface	Test	Low	Proposed

	Elements	consists of eye-catching design elements that customers are drawn to	001					
14	Virtual Tour Guide	Users are prompted with an optional tour of the web page to gain insight in all of its features	CLT 002	Interview	Interface	Test	Low	Proposed
15	Customer Review	Customer feedback is made available to the client to improve the system	CLT 003	Interview	Functional	Test	Low	Proposed
16	Dashboard Access	The client is able to view and make changes to the systems database	CLT 004	Interview	Functional	Test	High	Proposed
17	Dynamic Website	The system is fully dynamic being able to be updated with changes in the database	CLT 005	Interview	Functional	Test	High	Proposed
18	Speed of Website	The system is as efficient as possible reducing load times for all users	CLT 006	Interview	Performance	Test	Low	Proposed

19	Overload Control System	The system should be linked with a backup server should the web page experience an overload of users	CLT 007	Interview	Performance	Test	Medium	Proposed
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## IV. REQUIREMENTS REVIEW REPORT

### *A. Review Introduction*

This review was conducted on the website constructed for ADJ Tech Stop, version 1.0. This was conducted as a Formal Technical Review (FTR); it began at 9:00AM on April 4th, 2022 and concluded at 10:45PM. Present were Jason Stuckless, Darren Constantine and Ahmaad Ansari.

### *B. Review Players*

Jason Stuckless                      Review Leader

- Jason is the Software Engineering Lead on this project and is responsible for the basic layout of the website and directly liaises with the Client to meet their needs, requests and requirements.

Darren Constantine                  Reviewer and Recorder

- Darren is a Software Engineer not working on the project, brought in to help assess the website and its requirements. He was also responsible for recording the minutes of the meeting.

Ahmaad Ansari                      Producer

- Ahmaad is the Software Developer who designed and developed the majority of the code in the website.



## *C. FTR Minutes*

ADJ Tech Stop - Software Development Dept.  
April 4th, 2022

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### 1. Call to Order

Jason Stuckless called to order the FTR of ADJ Tech Stop's website development at 9:00AM on April 4th, 2022 in the meeting room of the Software Development department of ADJ Tech Stop.

### 2. Roll Call

Darren Constantine conducted a roll call. The following persons were present:

- Jason Stuckless
- Ahmaad Ansari
- Darren Constantine

### 3. Approval of minutes from last meeting

Darren Constantine read the minutes from the last meeting. The minutes were approved.

### 4. Open Issues

- a. Requirements Review: Discussion was made about the requirements laid out before the website was developed. It was determined that they were mostly sufficient. Areas where they could be improved for future projects were also discussed.
- b. Testing: Discussion was made on the state of ongoing testing of version 1.0 of the website. Ahmaad informed the meeting that testing was proceeding smoothly and would be completed by April 13th.

### 4. New Business

- a. Version 1.1: Discussion was made about what would be done once testing had concluded, and how long it would take to implement the code needed based on the testing results.
- b. Website Deployment: Discussion was made about how and when the website would be deployed. It was decided that, should testing continue to run smoothly, the website would be deployed on private servers on May 1st, 2022.

- c. Website Administration/Maintenance: Discussion was made on the future of the website, namely who would be responsible for administering and maintaining it. Options were discussed to this end. It was concluded that administration and maintenance would be done on-site by a team TBD.

## 5. Adjournment

Jason Stuckless adjourned the meeting at 10:45AM.

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Minutes submitted by: Darren Constantine

Minutes approved by: Jason Stuckless

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## *D. Review of Requirements*

The following were the results of the requirements review portion of the FTR conducted on April 4th, 2022:

USR_001	Catalog Browsing	The system displays a list of products when a certain keyword is searched
Review	Implemented in website design. Testing done concluded that functionality is precise for any given input.	

USR_002	Check-Out	The system is to take in E-Banking credentials and have an order processed
Review	Implemented in website design. Testing done is currently acceptable but could be improved. Potential need found for testing of a wider range of customers and customer locations.	

USR_003	Illusive Content / Sensitivity	Users are able to report illusive content found on the web page
Review	Implemented in website design. Testing done concluded that users are able to report and are notified of report success via email.	

USR_004	Verification	The systems sends an account verification email to the user when registering an account
Review	Implemented in website design. Testing done concluded that users are able to register an account and they are sent a verification email to the address used upon registration.	

USR_005	Product Reviews	The system shows product reviews that have been submitted by other
Review	Implemented in website design. Testing done concluded that users are able to view and create product reviews.	

USR_006	Cart Review	The user is able to view the contents of their cart
Review	Implemented in website design. Testing done concluded that users are able to view the contents of their cart in real time as they add and remove products to it.	

USR_007	Order History	The system will show the user all orders that have been placed on their account
Review	Implemented in website design. Testing done concluded that users are able to see past orders that they have completed.	

USR_008	Tracking an Order	The system shows a live status on a customers order
Review	Implemented in website design. Testing done is currently insufficient but will be completed by April 13th.	

USR_009	Product-List Filtering and Sorting	The system sorts and filters the merchandise to be displayed
Review	Implemented in website design. Testing done concluded that functionality is precise based on filtering/sorting methods chosen by user.	

USR_010	Product Specifications	Each product contains their specifications
Review	Implemented in website design. Testing done concluded that calls to the database are conducted accurately so that product pages contain all of the correct product information.	

USR_011	Live Customer Support (Chatbots)	Artificial conversation entities are available to customers seeking help
Review	Not implemented. It was decided by ADJ Tech Stop that they did not want to have staff on call consistently to respond when Chatbots were unable to effectively respond to user questions.	

USR_012	Transparent Security and Privacy	Users are aware of how their personal information is being used
Review	Implemented in website design. Link in the footer is given on every page to privacy policy and on every page where the user is required to give personal information, they are informed directly.	

CLT_001	Design Elements	Web page consists of eye-catching design elements that customers are drawn to
Review	All measures were taken to achieve this requirement, however, testing is currently being done via a focus group to find out if it was effective, and it will be concluded before April 13th.	

CLT_002	Virtual Tour Guide	Users are prompted with an optional tour of the web page to gain insight in all of its features
Review	Implemented in website design. Testing done by our team concluded that the functionality is accurate and sufficient. Focus group results will be completed before April 13th.	

CLT_003	Customer Review	Customer feedback is made available to the client to improve the system
Review	Implemented in website design. Link to feedback page located in footer of every page. Testing done concluded that functionality works, users are able to give feedback, ADJ Tech Stop receives the feedback to a dedicated email address and user is thanked via email for their feedback.	

CLT_004	Dashboard Access	The client is able to view and make changes to the systems database
Review	Implemented in website design. Testing done by our team concluded that the dashboard is complete and works correctly. Client is currently being informed on how to use the system.	

CLT_005	Dynamic Website	The system is fully dynamic being able to be updated with changes in the database
Review	Implemented in website design. Testing done by our team concluded that functionality is complete, however due to the size of the website errors could be found during focus group testing or after deployment. Specifically since Client will be in charge of maintaining the database, problems could arise in that area.	

CLT_006	Speed of Website	The system is as efficient as possible reducing load times for all users
Review	Speed of the website was found by our team to be sufficient, however the range of available systems for our testing were not wholly representative of the user population. Results from the focus group will be helpful in this regard.	

CLT_007	Overload Control System	The system should be linked with a backup server should the web page experience an overload of users
Review	Implemented. Testing done via a system of bots, and bandwidth found to be manageable for the expected number of users. Should that requirement rise in the future, Client is aware of steps that will need to be taken to increase bandwidth. Mock DDOS attacks will be conducted also, and based on configuration it is expected for the results to be satisfactory.	

## *E. Conclusion*

It was concluded during the FTR session and with other meetings with Jason Stuckless and the Client that our originally laid out set of requirements were excellent, and fully encompassed the needs of the Client and the website in general. These requirements can be used as a baseline for future similar projects that our company undertakes. Upon completion of testing and the focus group it may be possible that some requirements that should have been found earlier will be found, but to date all is currently going smoothly in this regard and early projections place us able to complete deployment well before the May 1st, 2022 deadline.