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# Test plan

For S3 Individual track project

## Test plan

Revisions			
Verison	Description	Date	Author
1	Added base Test plan structure and main test cases	08.09.2022	Yordan Doykov

### Introduction

This document aims to further deepen the developers' understanding of their product through the help of testers with no prior knowledge of the application. This allows the creators as much as the client to understand the overall accessibility of the created application before deployment.

Test cases are of great importance in showing whether the application provides an approachable GUI as well as in the discovery of potential bugs before the release of the apps.

### Test cases per use case

#### UC-01: Log in the application

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-01</b>	Log in with correct credentials	On the "Log in" screen	Username: jrdn Password: 123	User is redirected to the home page of the website

<b>TC-02</b>	Log in with incorrect credentials	On the "Log in" screen	Username: asdf Password: asdf ^values not present in the database (any random values should suffice)	"Wrong username or password" message is displayed. System takes no further action
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### UC-02: Log out of the application

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-03</b>	Log Out	Logged in with any account	-none-	App switches to the "Log in" screen awaiting a new log in

### UC-03: User creates account in the application

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-04</b>	Create account in the system	On the "Register account" screen.	New account info: Username: jdoe Password: 1234 Email: <a href="mailto:jdoe@gmail.com">jdoe@gmail.com</a> Address: Eindhoven central First name: John Last name: Doe	Account is created and system displays a success message. New account is available for use.
<b>TC-05</b>	Create account with missing or incorrect details	On the "Register account" screen.	Username: jrdn Password: 123  New account info: Username: as Password: 1 Email: Address: First name: j Last name: d Role:	Account is not created and system displays error messages about specific input accordingly.

#### UC-04: User adds auction to the system

ID	Name	Pre-Condition	Test Data	Expected Result
TC-06	Add auction to the system with correct information	On the "Create auction" screen. Logged in with any account	Username: jrdn Password: 123  New auction info: Brand: BMW Model: 330i Description: test Car year: 2018 description Starting price: 3000 Buyout price: 10000 Mileage: 90 000 Location: Eindhoven Starts on: 10.10.2022 Ends on: 15.10.2022	Auction is created and awaiting to go live. System displays a success message
TC-07	Create auction with missing or incorrect information	On the "Create auction" screen. Logged in with any account	Username: jrdn Password: 123  New auction info: {{Fields are left empty}}	Auction is not created and system displays error messages about specific input accordingly.

#### UC-05: User sees all auctions in the system

ID	Name	Pre-Condition	Test Data	Expected Result
TC-08	Access the list of live auctions in the system	On the Home screen.	Auction status: live	The system displays all live auctions.
TC-09	Access the list ended auctions	On the Home screen.	Auction status: ended	The system displays all ended auctions

<b>TC-10</b>	Access the list of auctions using filters	On the Home screen.	Filters: Year: from 2000 to 2010 Mileage: from 100 000 to 200 000 Brand: Mercedes	The system displays all auctions that match the requested filters
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#### UC-06: User sees the details about an auction

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-11</b>	See details of auction		-none-	System navigates user to page with auction details

#### UC-07: User edits the information of an auction

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-12</b>	Edit auction with correct information	On the "Edit Auction" screen. Logged in as the creator of the auction	Username: jrdn Password: 123  New auction info: Brand: Mazda Model: Miata Car Year: 1998 Description: test description Starting price: 2000 Buyout price: 6000 Mileage: 90 000 Location: Eindhoven Starts on: 10.10.2022 Ends on: 15.10.2022	The system edits the information of the auction and displays a success message.
<b>TC-13</b>	Edit auction with incorrect information	On the "Edit auction" screen.	Username: jrdn Password: 123	Auction is not edited and system displays error messages about specific input accordingly.

		Logged in as the creator of the auction	New auction info: Brand: M Model: Mi Car Year: -2012 Description: test description Starting price: -2 Buyout price: -000 Mileage: 90 000 Location: the moon Starts on: 10.10.1500 Ends on: 15.10.9090	
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#### UC-08: User deletes auction from the system

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-14</b>	Delete an auction successfully	On the "auction details" screen Logged in as auction creator	Username: jrdn Password: 123	Auction is deleted along with all the information about bids and comments. System displays a success message.
<b>TC_15</b>	Delete a started auction	On the "auction details" screen Logged in as auction creator Auction has begun	Username: jrdn Password: 123	Auction is NOT deleted. System displays error message

#### UC-09: User sees their profile page

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-16</b>	User sees their profile	Logged in with any account	Username: jdoe Password: 123	Website navigates to "My Profile" page and displays information regarding the logged in user.

### UC-10: User placed bid on an auction

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-17</b>	Place bid successfully	On the "Auction details" screen Logged in with any account Auction has not ended	Username: jdoe Password: 123  Bid amount: 2000	Bid is placed and user can see their new bid. System displays success message
<b>TC-18</b>	Bid amount lower than highest	On the "Auction details" screen Logged in with any account Auction has not ended  Current highest bid: 3000	Username: jdoe Password: 123  Bid amount: 1500	Bid is not placed and system displays an error message.
<b>TC-19</b>	Bid amount less than minimum	On the Home screen. Logged with any account. Auction has not ended  Starting bid price: 2000	Username: jdoe Password: 123  Bid amount: 1200	Bid is not placed and system displays an error message.

### UC-11: User posts a comment on an auction

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-20</b>	Successfully post a comment	On the "Auction details" screen Logged in with any account Auction has not ended	Username: jrdn Password: 123  Comment message: very nice car!	Comment is posted and the user can see their comment. System displays success message
<b>TC-21</b>	Post an empty comment	On the "Auction details" screen Logged in with any account	Username: jrdn Password: 123  Comment message:	Comment is not posted and system displays an error message.

		Auction has not ended		
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#### UC-12: User deletes their comment

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-22</b>	Delete a comment	On the "auction details" screen Logged in as comment creator	Username: jrdn Password: 123	Comment is deleted and the user can no longer see it. System displays a success message.
<b>TC_23</b>	Delete a comment when auction has ended	On the "auction details" screen Logged in as comment creator Auction has ended	Username: jrdn Password: 123	Comment is NOT deleted. System displays error message

#### UC-13: Administrator edits the information of an auction

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-24</b>	Edit auction with correct information	On the "Edit Auction" screen. Logged in as administrator  It does not matter if auction has ended or is live	Username: admin Password: admin  New auction info: Brand: Mazda Model: Miata Car Year: 1998 Description: test description Starting price: 2000 Buyout price: 6000 Mileage: 90 000 Location: Eindhoven Starts on: 10.10.2022 Ends on: 15.10.2022	The system edits the information of the auction and displays a success message.



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#### UC-14: Administrator deletes auction from the system

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-25</b>	Delete an auction successfully	On the "auction details" screen Logged in as administrator  It does not matter if auction has ended or is live	Username: admin Password: admin	Auction is deleted along with all the information about bids and comments. System displays a success message.

#### UC-15: Administrator deletes a comment

ID	Name	Pre-Condition	Test Data	Expected Result
<b>TC-26</b>	Delete a comment	On the "auction details" screen Logged in as administrator  It does not matter who the comment belongs to or if auction has ended	Username: admin Password: admin	Comment is deleted and the user can no longer see it. System displays a success message.