Test Plan



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**Desktop Test plan:**

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-01.1 | UC-01 | Creating new computer | Admin is logged in | Name: Nitro  Model: Acer Nitro 5  Operating system: Windows  Screen Size: 16  Storage capacity: 500  Stock: 20  Price: 700  Image: (select a png image) Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying Computer has been added |
| TC-01.2 | UC-01 | Missing credentials when creating a new computer | Admin is logged in | Name:  Model:  Operating system:  Screen Size: 16  Storage capacity: 500  Stock: 20  Price: 700  Image: (select a png image) Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying Missing fields |
| TC-01.3 | UC-01 | Credentials only accept numbers while making a new computer | Admin is logged in | Name: Nitro  Model: Acer Nitro 5  Operating system: Windows  Screen Size: sixteen  Storage capacity: 500  Stock: twenty  Price: 700  Image: (select a png image) Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying these fields only allow numbers (Ram, Storage capacity, etc.). |
| TC-01.4 | UC-01 | Credentials missing (Image) | Admin is logged in | Name: Nitro  Model: Acer Nitro 5  Operating system: Windows  Screen Size: sixteen  Storage capacity: 500  Stock: twenty  Price: 700  Image:  Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying image is missing. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-02.1 | UC-03 | Edit an existing computer | Selected a computer and clicked the edit button | Name: Nitro  Model: Acer Nitro 5  Operating system: Windows  Screen Size: 16  Storage capacity: 500  Stock: 50  Price: 700  Image: (select a png image) Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Program ask user if they confirm. If yes then computer is edited if no then computer is not edited |
| TC-02.2 | UC-03 | Missing credentials while editing a computer | Selected a worker and pressed the edit button | Name: Nitro  Model: Acer Nitro 5  Operating system:  Screen Size: 16  Storage capacity: 500  Stock: 20  Price: 700  Image: (select a png image) Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying Missing fields. |
| TC-02.3 | UC-03 | Credentials only accept numbers while editing a computer | Selected a worker and pressed the edit button | Name: Nitro  Model: Acer Nitro 5  Operating system: Windows  Screen Size: 16  Storage capacity: 500  Stock: twenty  Price: 700  Image: (select a png image) Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying these fields only allow numbers (Ram, Storage capacity, etc.). |
| TC-02.4 | UC-02 | Credentials missing (Image) | Admin is logged in | Name: Nitro  Model: Acer Nitro 5  Operating system: Windows  Screen Size: sixteen  Storage capacity: 500  Stock: twenty  Price: 700  Image:  Processor: Intel Core I5  RAM: 16  Keyboard Type: QWERTY  Mouse Type: Any  Power Source: Battery | Message saying image is missing. |
| TC-02.5 | UC-02 | No computer selected | Admin is logged in | (do not selected a computer) | Message saying that you have not selected a computer |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-03 | UC-03 | View computer | Admin is logged in and has pressed the computer button in Home panel. | Select a computer and click view. | Computer is shown with its details. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-04.1 | UC-04 | Delete Computer | Selected a computer and clicked the delete button | Confirmation pops up | If yes computer is deleted (worker deleted) if no then no |
| TC-04.2 | UC-04 | Computer not selected | Has clicked the delete button. |  | Message says you have not selected a computer |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-05 | UC-05 | View all computers | Admin is logged in |  | Computers are shown automatically. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-06.1 | UC-06 | Creating new phone | Admin is logged in | Name: Samsung S20  Model: S20  Operating system: Android  Screen Size: 5  Storage capacity: 200  Stock: 20  Price: 1000  Image: (select a png image) Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  Somatotype: Nano  Biometric Features: Fingerprint Scanner | Message saying phone has been added |
| TC-06.2 | UC-06 | Missing credentials when creating a new phone | Admin is logged in | Name:  Model: S20  Operating system: Android  Screen Size: 5  Storage capacity: 200  Stock: 20  Price: 1000  Image: (select a png image) Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  SIM card Type: Nano  Biometric Features: Fingerprint Scanner | Message saying Missing fields |
| TC-06.3 | UC-06 | Credentials only accept numbers while making a new phone | Admin is logged in | Name: Samsung S20  Model: S20  Operating system: Android  Screen Size: five  Storage capacity: 200  Stock: 20  Price: 1000  Image: (select a png image) Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  SIM card Type: Nano  Biometric Features: Fingerprint Scanner | Message saying these fields only allow numbers (stock, Storage capacity, etc.). |
| TC-06.4 | UC-06 | Credentials missing (Image) | Admin is logged in | Name: Samsung S20  Model: S20  Operating system: Android  Screen Size: 5  Storage capacity: 200  Stock: 20  Price: 1000  Image:  Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  SIM card Type: Nano  Biometric Features: Fingerprint Scanner | Message saying image is missing. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-07.1 | UC-07 | Edit an existing phone | Admin is logged in | Name: Samsung S20  Model: S20  Operating system: Android  Screen Size: 5  Storage capacity: 200  Stock: 20  Price: 1100  Image: (select a png image) Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  Somatotype: Nano  Biometric Features: Fingerprint Scanner | Message saying phone has been changed |
| TC-07.2 | UC-07 | Missing credentials when creating a new phone | Admin is logged in | Name:  Model: S20  Operating system: Android  Screen Size: 5  Storage capacity: 200  Stock: 20  Price: 1000  Image: (select a png image) Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  SIM card Type: Nano  Biometric Features: Fingerprint Scanner | Message saying Missing fields |
| TC-07.3 | UC-07 | Credentials only accept numbers while making a new phone | Admin is logged in | Name: Samsung S20  Model: S20  Operating system: Android  Screen Size: five  Storage capacity: 200  Stock: 20  Price: 1000  Image: (select a png image) Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  SIM card Type: Nano  Biometric Features: Fingerprint Scanner | Message saying these fields only allow numbers (stock, Storage capacity, etc.). |
| TC-07.4 | UC-07 | Credentials missing (Image) | Admin is logged in | Name: Samsung S20  Model: S20  Operating system: Android  Screen Size: 5  Storage capacity: 200  Stock: 20  Price: 1000  Image:  Manufacturer: Samsung  Battery Cap: 4000  Camera Quality: 64  SIM card Type: Nano  Biometric Features: Fingerprint Scanner | Message saying image is missing. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-08 | UC-08 | View phone | Admin is logged in and has pressed the phone button in home panel. | Select a phone and click view. | Phone is shown with its details. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-09.1 | UC-09 | Delete Phone | Selected a phone and clicked the delete button | Confirmation pops up | If yes phone is deleted (worker deleted) if no then no |
| TC-09.2 | UC-09 | Phone not selected | Has clicked the delete button. |  | Message says you have not selected a phone |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-10 | UC-10 | View all phones | Admin is logged in and has pressed the phone button in home panel. |  | Computers are shown automatically. |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-11.1 | UC-11 | Login in desktop application | Admin is not logged in | Username = admin  Password = admin | Login successful |
| TC-11.2 | UC-11 | Login failed in desktop application | Admin is not logged in | Username = Test  Password = Test | Invalid credentials |
| TC-11.3 | UC-11 | Login in website | Customer is not logged in | Username = testing  Password = 12345678 | Login successful |
| TC-11.4 | UC-11 | Login failed in website | Customer is not logged in | Username = admin  Password = testAdmin | Invalid credentials |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-12.1 | UC-12 | Register in desktop application | Admin is not logged in | Username = admin  Password = admin | Register successful |
| TC-12.2 | UC-12 | Register failed in desktop application | Admin is not logged in | Username = Test  Password = Test | Invalid credentials |
| TC-12.3 | UC-12 | Register in website | Customer is not logged in | Username = testing  Password = 12345678 | Register successful |
| TC-12.4 | UC-12 | Register failed in website | Customer is not logged in | Username = admin  Password = testAdmin | Invalid credentials |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-13.1 | UC-13 | Update account in desktop application | Admin is not logged in | Username = admin  Password = admin | Updated successful |
| TC-13.2 | UC-13 | Update account failed in desktop application | Admin is not logged in | Username = Test  Password = Test | Invalid credentials |
| TC-13.3 | UC-13 | Update account in website | Customer is not logged in | Username = testing  Password = 12345678 | Update successful |
| TC-13.4 | UC-13 | Update account failed in website | Customer is not logged in | Username = admin  Password = testAdmin | Invalid credentials |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-14.1 | UC-12 | Delete employee in desktop application | Admin is logged in | Select an employee | Delete successful |
| TC-14.2 | UC-12 | Delete employee failed in desktop application | Admin is logged in | Do not select an employee | You have not selected an employee |
| TC-14.3 | UC-12 | Delete account in website | Customer is logged in | Username = testing  Password = 12345678 | Delete successful |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-15.1 | UC-15 | View account in desktop application | Admin is logged in and is in profile tab |  | Account details are shown |
| TC-15.2 | UC-15 | View account in website | Customer is logged in and is in profile page |  | Account details are shown |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-16 | UC-16 | View products | Actor is in products page |  | Products are shown |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-17 | UC-17 | View products details | Actor has clicked on a product |  | Product is shown with its details |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-18.1 | UC-18 | Search product | Actor is in products page | Samsung | Products that have the data in their name are shown |
| TC-18.2 | UC-18 | Searched product does not exist | Actor is in products page | PlayStation | Message shows that product does not exist |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-19 | UC-19 | Add product to cart | Actor is in products page and has clicked add to cart |  | Product has been added to cart |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-20 | UC-20 | Remove products from cart | Actor has a product in the cart | Click the - button | Product has been removed from the cart |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-21.1 | UC-21 | Purchase products | Actor must be logged in and has a product in the cart page | System asked if sure?  Actor has clicked yes | Product has been purchased |
| TC-21.2 | UC-21 | Cancel transaction | Actor must be logged in and has a product in the cart page | System asked if sure?  Actor has clicked no | Products has not been purchased |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-22.1 | UC-22 | Add products to favorite | Actor is logged in and is in products page | Click the “Favorite” button | Product has been added to the favorite list |
| TC.22.2 | UC-22 | Product already is favorited | Actor is logged in and has a product already favorited | Go to products page and favorite the same item | System alerts that you have already favorited the product |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-23.1 | UC-23 | Remove products from favorite | Actor is logged in and has a product already favorited | Click the “Un-Favorite” button and confirm | Product has been removed from the favorite list |
| TC.23.2 | UC-23 | Cancel removing of favorite products | Actor is logged in and has a product already favorited | Click the “Un-Favorite” button and cancel | Product does not get removed from the favorite list |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-24.1 | UC-24 | Add review to product | Actor is logged in and is in product details page | Click the “add review button” and then,  click the “Confirm” button | Review has been added and saved |
| TC.24.2 | UC-24 | Cancel removing of favorite products | Actor is logged in and has a product already favorited | Click the “add review button” and then,  Click the “Cancel” button | Review has not been added or saved |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-25.1 | UC-25 | Edit Review | Actor is logged in and is in product details of a product that has been reviewed by the actor | Click the “Edit-review” button, change the review, and confirm | Review has been changed |
| TC.25.2 | UC-25 | Cancel removing of favorite products | Actor is logged in and has a product already favorited | Click the “Edit-review” button, change the review, and cancel | Review does not get changed |

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| **ID** | **UC** | **Name** | **Pre-condition** | **Test data** | **Expected result** |
| TC-26.1 | UC-26 | Delete Review | Actor is logged in and is in product details of a product that has been reviewed by the actor | Click the “Delete-review” button and confirm. | Review has been removed |
| TC.26.2 | UC-26 | Cancel delete review | Actor is logged in and is in product details of a product that has been reviewed by the actor | Click the “Delete-review” button and cancel. | Review does not get removed. |