

# Test plan

## UniCart

**Date:** 09.10.2023  
**Group:** 1-0  
**Version:** Version 2.5

| ID    | UC    | Name   | Pre-condition                          | Test data  | Expected result  |
|-------|-------|--|--|--|--|
| TC-01 | UC-01 | Employee tries to log in to the site with correct data                       | User must exist in the system          | Username: JohnDoe<br>Password: qwertyuiop                                      | System logs in the employee successfully.                      |
| TC-02 | UC-01 | Employee tries to log in to the site with incorrect data                     | User must exist in the system          | Username: JeohnDoe<br>Password: qwertyuiop                                     | System displays a message that the inputted data is incorrect. |
| TC-03 | UC-01 | Employee tries to log in to the site without inputting data                  | None                                   | Username:<br>Password:   | System highlights text boxes that need to be filled.           |
| TC-04 | UC-02 | Employee tries to see their shifts when they have shifts assigned            | Shifts are assigned to the employee    | None   | System displays the shifts that the employee has assigned.     |
| TC-05 | UC-02 | Employee tries to see their shifts when they do not have any shifts assigned | No shifts are assigned to the employee | None   | System displays a message "No shifts found."                   |
| TC-06 | UC-03 | Employee tries to modify their personal data with valid data                 | User must be logged in                 | Old password: qwertyuiop<br>New password: 12345<br>Confirm new password: 12345 | System successfully changes the employee's data.               |

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|--------------|-------|---|---------------------------------|--|--|
| <b>TC-07</b> | UC-03 | Employee tries to modify their personal data with invalid data              | User must be logged in          | Old password: qwertyuiop<br>New password: 12345<br>Confirm new password: 12543 | System displays a message "Invalid data. Please try again."      |
| <b>TC-08</b> | UC-04 | Administrator tries to check data about an existing person                  | Administrator must be logged in | Employee ID: 123   | System displays the searched data.                               |
| <b>TC-09</b> | UC-04 | Administrator tries to check data about a non-existing person               | Administrator must be logged in | Employee ID: 999   | System displays a message "Person doesn't exist."                |
| <b>TC-10</b> | UC-05 | Employee tries to create a restock request with valid data                  | Employee must be logged in      | Item ID: 123<br>Quantity: 10   | System sends the request to the warehouse.                       |
| <b>TC-11</b> | UC-05 | Employee tries to create a restock request that exceeds the warehouse stock | Employee must be logged in      | Item ID: 123<br>Quantity: 1000   | System displays a message "Insufficient stock in the warehouse." |
| <b>TC-12</b> | UC-05 | Employee tries to create a restock request that exceeds the store capacity  | Employee must be logged in      | Item ID: 123<br>Quantity: 500  | System displays a message "Too much stock requested."            |
| <b>TC-13</b> | UC-06 | Administrator assigns shifts to employees                                   | Administrator must be logged in | Employee ID: 123<br>Shift Type: Morning  | System confirms assigning the shift and updates the              |

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|--------------|-------|--|--|--------------------------------|---|
|              |       |  |  |                                | schedule with the added information.  |
| <b>TC-14</b> | UC-06 | Administrator assigns shifts to employees when the schedule is empty                     | Administrator must be logged in                | None                           | System displays a message "No shifts assigned."                                   |
| <b>TC-15</b> | UC-06 | Administrator assigns shifts to employees when all of the employees have assigned shifts | Administrator must be logged in                | None                           | System displays a message "Every employee has shifts assigned."                   |
| <b>TC-16</b> | UC-07 | Employee calls in sick with valid data   | Employee must have a shift to call in sick for | Sick period: 2 days            | System sends the request to the Manager.  |
| <b>TC-17</b> | UC-07 | Employee calls in sick with an invalid period  | Employee must have a shift to call in sick for | Sick period: 30 days           | System displays a message "The selected period is too long. Contact the manager." |
| <b>TC-18</b> | UC-08 | Customer orders a product with valid data  | Product must be in stock                       | Product ID: 123<br>Quantity: 1 | System accepts the order.   |
| <b>TC-19</b> | UC-08 | Customer orders a product that is out of stock   | None   | Product ID: 999<br>Quantity: 1 | System displays a message "No quantity left."                                     |

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|--------------|-------|--|-----------------------------------|--|---|
| <b>TC-20</b> | UC-08 | Customer orders a product with invalid shipping information      | None                              | Shipping Address:<br>Invalid Address                                     | System displays a message "Invalid shipping information." |
| <b>TC-21</b> | UC-09 | Customer searches for a product and finds it                     | Products must exist in the system | Search query: "Laptop"   | System shows an array of laptops.                         |
| <b>TC-22</b> | UC-09 | Customer searches for a product and doesn't find it              | Products must exist in the system | Search query: "Alien technology"   | System displays a message "No found product."             |
| <b>TC-23</b> | UC-10 | Customer forgets password and successfully resets it             | Customer must exist in the system | Email:<br><a href="mailto:john.doe@example.com">john.doe@example.com</a> | System lets the actor change their password.              |
| <b>TC-24</b> | UC-10 | Customer forgets password and inputs an email that doesn't exist | None                              | Email:<br><a href="mailto:unknown@example.com">unknown@example.com</a>   | System will not send a verification code.                 |