

# Test plan 2021



CB03 – Group 5

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## Test cases:

	ID	Name	Use case (from URS)	Pre-condition	Test data	Expected result
	General					
	TC-G-01	Login to the application	FR-G-01		<i>Username:</i> alebus <i>Password:</i> Alessandro34	User is successfully logged in to the software
	TC-G-02	Login with incorrect credentials	FR-G-01		<i>Username:</i> Alebu <i>Password:</i> Alessandro34	User receives a notification that the login credentials are incorrect
	TC-G-03	Login with no connection to the database	FR-G-01	No connection to the database		User receives a notification that there is no connection to the database

	Employee					
	TC-EM-01	Create a new employee	FR-EM-01	User is logged in as manager/HR	<i>First name:</i> John <i>Second name:</i> Doe <i>BSN:</i> 123456789 <i>Date of birth:</i> 2000-01-01 <i>Phone number:</i> 0612345678 <i>Position:</i> Manager <i>Ice Number:</i> 0623456789 <i>Ice Relation:</i> Partner <i>Additional information:</i> Can't work weekends – Has 2 kids.	User receives notification for successfully adding an employee. Employee is added to the list of employees.
	TC-EM-02	Create a new employee without connection to the database	FR-EM-01	User is logged in as manager/HR without having connection to the database		User receives a notification that there is no connection to the database
	TC-EM-03	Create a new employee with invalid values	FR-EM-01	User is logged in as manager/HR	<i>Second name:</i> Doe <i>BSN:</i> 123456789 <i>Date of birth:</i> 2000-01-01 <i>Phone number:</i> 0612345678 <i>Position:</i> Manager <i>Ice Number:</i> 0623456789 <i>Ice Relation:</i> Partner <i>Additional information:</i> Can't work weekends – Has 2 kids.	User receives notification for incorrect formatting one of the inputs

	TC-EM-04	Create a new employee with data that is already assigned to another employee	FR-EM-01	User is logged in as manager/HR	<i>First name:</i> John <i>Second name:</i> Doe <i>BSN:</i> 345345 <i>Date of birth:</i> 2000-01-01 <i>Phone number:</i> 0613982988 <i>Position:</i> Manager <i>Ice Number:</i> 0623456789 <i>Ice Relation:</i> Partner	User receives notification data is already assigned to another employee
	TC-EM-05	Search for employees	FR-EM-02	User is logged in as manager/HR	<i>Search employee:</i> Simone	User sees all matching employees in the listbox
	TC-EM-06	Search for employee without matching search criteria	FR-EM-02	User is logged in as manager/HR	<i>Search employee:</i> Piet	System will show an empty listbox indicating there are no matching results
	TC-EM-07	Search for employee without connection to the database	FR-EM-02	User is logged in as manager/HR without connection to the database		User receives a notification that there is no connection to the database
	TC-EM-08	Read the information about an employee	FR-EM-02	User is logged in as manager/HR and has selected a user to view		User will be redirected to edit employee page where all information will be shown
	TC-EM-09	Read the information about an employee without selecting an employee	FR-EM-02	User is logged in as manager/HR		User receives a notification they did not select a user to read the information about

	TC-EM-09	Update employee information	FR-EM-03	User is logged in as manager/HR and has performed TC-EM-08	<i>Information to update:</i> {Update any information possible}	User receives a notification the edit was successful
	TC-EM-10	Update employee information without database connection	FR-EM-03	User is logged in as manager/HR has performed TC-EM-08 and loses connection to the database	<i>Information to update:</i> {Update any information possible}	User receives a notification that there is no connection to the database
	TC-EM-11	Update employee information to data already assigned to another employee	FR-EM-03	User is logged in as manager/HR and has performed TC-EM-08	<i>Edit employee:</i> Simone <i>Phone number:</i> 0613982988	User receives a notification they are trying to enter data already assigned to another employee
	TC-EM-12	Delete an employee	FR-EM-04	User is logged in as manager/HR and has performed TC-EM-05	<i>Employee to delete:</i> John Doe	User receives a notification the employee had been deleted successfully
	TC-EM-13	Delete an employee without connection to the database	FR-EM-04	User is logged in as manager/HR has performed TC-EM-05 and loses connection the the database	<i>Employee to delete:</i> John Doe	User receives a notification that there is no connection to the database
	TC-EM-14	Delete an employee without selecting an employee to delete	FR-EM-04	User is logged in as manager/HR and has performed TC-EM-05	<i>Employee to delete:</i> None	User receives a notification they did not select a employee to delete
	TC-EM-15	See statistics about employees	FR-EM-05	User is logged in as manager	"Statistics" button is clicked	Statistics about employees are shown
	TC-EM-16	No connection to the database – employee statistics	FR-EM-05	No connection to the database	"Statistics" button is clicked	User receives a notification that there is no connection to database

	Schedule					
	TC-S-01	Create schedules for employees	FR-S-01	User is logged in as a manager/HR	User select an employee and day and assigns a time slot	Changes are saved and can be viewed
	TC-S-02	Read schedules for employees	FR-S-01	User is logged in as a manager/HR	User clicks the "Schedule" button and views schedules	User can view schedules for employees
	TC-S-03	Update schedules for employees	FR-S-01	User is logged in as a manager/HR	User select an employee and day and updates a time slot	Changes are saved and can be viewed
	TC-S-04	No connection to the database – schedule	FR-S-01	No connection to the database	"Schedule" button is clicked	User receives a notification that there is no connection to the database
	TC-S-05	Time slot is already selected	FR-S-01	Time slot is already selected	User selects another time slot	New time slot is selected by the user and changes are saved
	TC-S-06	Delete time slot	FR-S-01		User selects time slot and deletes data	User deletes data from a time slot and saves changes

	Stock					
	TC-SM-01	Create a new item of stock	FR-SM-01	User is logged in as depot worker	<i>Product name:</i> Keyboard, <i>Quantity (in store):</i> 10, <i>Quantity (in warehouse):</i> 12, <i>Location (in store):</i> AB12, <i>Location (in warehouse):</i> CD34, <i>Cost price:</i> €15, <i>Selling price:</i> €20, <i>Minimum stock required:</i> 5, <i>Additional information:</i> Packaging is very delicate	User receives notification for successfully adding an item of stock. Item of stock is added to the stock list.
	TC-SM-02	Create a new item of stock without connection to the database	FR-SM-01	User is logged in as depot worker without having connection to the database		User receives a notification that there is no connection to the database
	TC-SM-03	Create a new item of stock with invalid values	FR-SM-01	User is logged in as depot worker	<i>Quantity (in store):</i> 10, <i>Quantity (in warehouse):</i> 12, <i>Location (in store):</i> AB12, <i>Location (in warehouse):</i> CD34, <i>Cost price:</i> €15, <i>Selling price:</i> €20, <i>Minimum stock required:</i> 5	User receives notification for incorrect formatting one of the inputs



	TC-SM-04	Create a new item of stock existing values	FR-SM-01	User is logged in as depot worker	<i>Product name:</i> Keyboard, <i>Quantity (in store):</i> 10, <i>Quantity (in warehouse):</i> 12, <i>Location (in store):</i> AB12, <i>Location (in warehouse):</i> CD34, <i>Cost price:</i> €15, <i>Selling price:</i> €20, <i>Minimum stock required:</i> 5, <i>Additional information:</i> Packaging is very delicate	User receives notification that data is already assigned to another item of stock
	TC-SM-05	See current stock information	FR-SM-02	User is logged in as manager. On stock page, the user searches for a product, selects it and then clicks the "Edit selected" button.	<i>Search product:</i> Demo	The product is shown in the page with all the related information.
	TC-SM-06	No connection to database - stock	FR-SM-02	User is logged in as manager. On stock page, the user searches for a product, selects it and then clicks the "Edit selected" button.		User receives a notification that there is no connection to the database
	TC-SM-07	Product not found	FR-SM-02	User is logged in as manager. On stock page, the user searches for a product, selects it and then clicks the	<i>Search employee:</i> Apple	User receives a notification that there is no product found

				"Edit selected" button.		
	TC-SM-08	Delete old stock	FR-SM-05	User is logged in as manager. On stock page, the user searches for a product, selects it and then clicks the "Delete selected" button.	<i>Search product:</i> Demo	The product is removed from the database and from the listbox.
	TC-SM-09	No connection to the database - product	FR-SM-05	No connection to the database. On stock page, the user searches for a product, selects it and then clicks the "Delete selected" button.		User receives a notification that there is no connection to the database
	TC-SM-10	Product not found	FR-SM-05	User is logged in as manager. On stock page, the user searches for a product.	<i>Search product:</i> Apple	User receives a notification that there is no product found
	TC-SM-11	See statistics about stock	FR-SM-06	User is logged in as manager		Statistics about stock are shown
	TC-SM-12	No connection to the database – stock statistics	FR-SM-06	No connection to the database	"Statistics" button is clicked	User receives a notification that there is no connection to the database