[Distribution System] Requirements Specification

Version 1.0

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**1. Executive Summary**

**1.1** **Project Overview**

Nowadays we live in a world where technology is helping us to improve our lives and also achieve better results in different businesses. Having the same mission which is to help businesses the aim of the software we are creating is to increase the yearly profits of a company which distributes sweets throughout Albania.

Our idea consists of creating a system where we are aiming to register all the markets and shops in Albania especially in Tirana which has the biggest number of markets.

In this software each market can view the products and can also order the what he is needing for his personal market.

**1.2 Purpose and Scope of This Specification**

The purpose of the Online Distribution system is to:

* Evaluate the performance of our workforce in order to have better and more efficient

results

* Have more consistent and accurate results

By creating this system our business will have an easier and faster way to keep track of every data in

the business .It will also be easier to see if the products have reached the customer needs, meaning

it will refine the certainty and management levels.

**2. Product/Service Description**

**2.1Product Context**

Our online system is going to help Kida 2001 sh.p.k, which is a distribution company that delivers products such sweets throughout the country. By the use of our system the name of the company will be better spreaded, and so products of the company will become better known from clients. We are hoping to help the company increase their profits. We are going to create an independent system which is going to be used and accessed by the admin and also by clients(shops). Clients are continuously making orders while admin is looking and accepting orders.

The system will include information about the products, inventories, accounting, currency exchange, main info about the company.

**2.2 User Characteristics**

There are 3 types of users that will interact with our system:

**1. Client**

* Can create their own account.
* Can order which products they would like to purchase.
* Can read their personal data.
* Can read information about our company.
* Can check the money exchange web page to observe currencies.
* Can contact the company.
* Can log out.

**2. Admin (manager)**

* Can access account anytime.
* Can check the orders that have been submitted by the clients.
* Can check the orders that have been delivered to the clients.
* Can contact clients.
* Can check the bills and orders that the company is making from
* the suppliers.
* Can check reports.
* Can log out.

**3.Employees**

* Categorized in two categories( warehouse and delivery employees)
* Their duty in the system is to mark when orders are ready or when orders are delivered.

**2.3 Assumptions**

It is assumed that:

1. All users have basic knowledge in English Language.

2. Users have basic knowledge in smartphone and computer usage.

3. Admin must be logged in during working hours to check orders.

4. Every customer should be limited to watching only his orders and not

interfere with other customers.

5. It is assumed that the personal information of the clients is confidential.

6. Every completed order must be stored in the system for documentation

and report purposes.

7. The state billing system is integrated within the software.

**2.4 Constraints**

* An internet-accessible electronic device is needed to access the program.
* The client needs to be registered to use our program.
* Management and security.
* Network issues.
* other design constraints (e.g., design or framework depending on the device the program is being used)

**2.5 Dependencies:**

* The internet connection is a must for client to use the program. A connection is needed to place
* orders.
* If the admin is not registered in the system, other users will not be registered.

**3. Requirements**

**3.1 Functional Requirements**

Priorities classification:

* Priority 1 – The requirement is a “must have” as outlined by policy/law
* Priority 2 – The requirement is needed for improved processing, and the fulfillment of the requirement will create immediate benefits
* Priority 3 – The requirement is a “nice to have” which may include new functionality

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Req# | Requirement | Comments | Priority | | Date reviewed | SME reviewed/approved |
| BR\_01 | Every client must create/have his unique account to access the system | The system can be accessed only with valid accounts. | 1 |  | |  |
| BR\_02 | Clients must sign up and create accounts | To create accounts clients must fill a form with their credentials. | 1 |  | |  |
| BR\_03 | Every client must have his unique username and password to access the system. | The passwords and usernames will be saved in database. | 1 |  | |  |
| BR\_04 | Login constraint | Every client have to be logged in to access the data of the system. | 1 |  | |  |
| BR\_05 | Each client can access only his own profile. | Clients cannot see orders and profiles of other clients | 1 |  | |  |
| BR\_06 | Every client’s profile should be fulfilled with his shop address and contacts. | Company needs specific address for order delivery. | 2 |  | |  |
| BR\_07 | The client will be able to see all the products. | Products will be listed in database together with a picture of them. | 2 |  | |  |
| BR\_08 | Clients can access from our system one of the best exchange companies. | Our company has always been close to Iliria’98 for money exchange. | 3 |  | |  |
| BR\_09 | Clients are able to see general information about our company. | There will be an “about us” feature in the system. | 3 |  | |  |
| BR\_10 | Clients can find at the “About us” section our phone nr or email | Clients can contacts us immediately by phone nr or email. | 3 |  | |  |
| BR\_11 | Every client will be able to see his order(bill). | System should offer that at least the last order should be viewed by each client. | 2 |  | |  |
| BR\_12 | Client can see his own personal information | Client can view the info he registered when he created the account except the password. | 3 |  | |  |
| BR\_13 | Client can update his personal information | Client can change information about his shop and can change his credentials (username& password) | 2 |  | |  |
| BR\_14 | Clients can order immediately online or by communicating with the manager. | Client can use his account to order. | 2 |  | |  |
| BR\_15 | Client can view the list of the products. | Client can see all the products available in our warehouse. | 1 |  | |  |
| BR\_16 | Client can view the price of each product and photo of each product. | The system will provide to the clients price and photo of products | 2 |  | |  |
| BR\_17 | Clients can enter the amount they want from each product | When making the order they can enter the amount they want near the product name. | 2 |  | |  |
| BR\_18 | Clients can submit order directly. | Client can submit order which will be than accessed by the manager. |  |  | |  |
| BR\_19 | At home page client can view a catalog of top/new/promotions products | This will be as attractive and user friendly as possible. | 2 |  | |  |
| BR\_20 | The manager can login by entering his username and password. | Username and password of the manager are stored in the database before. | 1 |  | |  |
| BR\_21 | The manager(admin) has access to database/employees/clients | Manager requires to approach details for employees and clients. | 1 |  | |  |
| BR\_22 | Manager can edit the home page | Manager can add/update the new/top products | 1 |  | |  |
| BR\_23 | Manager can edit the “About us” | Manager can edit the general information of the company or update it | 2 |  | |  |
| BR\_24 | Manager can view the currency exchange | Manager can also access Iliria’98 official currency page. | 3 |  | |  |
| BR\_25 | Manager can view the online orders from the clients | Orders are displayed to manager account at the moment clients submit their order | 1 |  | |  |
| BR\_26 | Orders are associated with details | Each order is together with an order number, time it was submitted and username who submitted the order | 2 |  | |  |
| BR\_27 | Manager should confirm the order | Manager confirms the order when all the products in that order are available in the warehouse | 1 |  | |  |
| BR\_28 | Manager can view the orders delivered to the clients | Orders delivered by the delivery employees are stored in the account. | 2 |  | |  |
| BR\_29 | Managers can check the live stock in warehouse. | This will be accessed only by the manager. | 2 |  | |  |
| BR\_30 | Manage inventory | Only manager can add new products and see the stocks. | 1 |  | |  |
| BR\_31 | Manager can view the orders of the company. | Manager can check the orders the company has made from our suppliers. | 3 |  | |  |
| BR\_32 | Manager can view accounting information for the company. | Manager can view balance sheets for each month and he adds the new one for each month | 3 |  | |  |
| BR\_33 | Manager can view the employees list | Employees are ordered in a list with name and surname | 2 |  | |  |
| BR\_34 | Manager can delete employees from the database. | Manager has the right to delete employees from the system. | 2 |  | |  |
| BR\_35 | Manager registers new employees | Only manager can register new employees and create their accounts | 2 |  | |  |
| BR\_36 | Employees will be registered or divided in 2 categories. | There will be delivery employees and warehouse employees. | 3 |  | |  |
| BR\_37 | Warehouse employees will be responsible for loading the shipments. | This process will be controlled by the manager. | 2 |  | |  |
| BR\_38 | Warehouse employees will have to mark the order. | Mark the order when ready for delivery. | 1 |  | |  |
| BR\_39 | Delivery employees will be responsible for taking the order from the warehouse and transporting it to the right address. | The main task of this employee will be delivering. | 2 |  | |  |
| BR\_40 | Delivery employee has to mark the order after delivery. | Delivery employee will have to mark the order when delivered. | 1 |  | |  |

**3.2 Non-functional Requirements**

**3.2.1 Product Requirements**

**3.2.1.1 Usability**

●       It will be easy to access in real time from different browsers online since the system is web based.

●       It shall be easy for the user to understand and use the system.

●       The system should allow users to practically and reliably manage their data.

●       The system is designed to be fast and efficient.

 **3.2.1.2 Efficiency Requirements**

**3.2.1.2.1 Performance Requirements**

●       Our system will be a web-application that will be stored in a web server.

●       It will be designed to support multiple users at the same time, by multiple interfaces.

●       The system will need a good ISP with strong internet to work properly.

**3.2.1.2.2 Space Requirements**

**3.2.1.2.2.1 Capacity**

There is no need for capacity occupation in our mobile phones, computers or other devices, since our system is web-based. Internet connection is a key element when performance is considered but we will make sure that the application works even if there is low internet strength provided.

The system can be accessed by multiple users anytime, but as a medium-size organization, it is not expected to be accessed by a very large number of users. Being said that, the database that is going to be used will not be very complex, but also it will be capable enough to store everything that is needed.

**3.2.1.2.2.2 Availability**

The system will operate 7 hours a day, each day of the week and it can be accessed by users for as long as they have internet connection.

The system will be distributed only in Albania and can be used only in English language.

Different types of users will have different availability and access.

**3.2.1.2.2.3 Latency**

The website loading will be completed within less than 4 seconds. On average a simple process shall not take more than 2 seconds to complete. In order to be efficient and productive, DMS is expected to fulfil some time limitations such as (also depending on internet speed and database size).

**3.2.1.3 Dependability Requirements**

**3.2.1.4 Security Requirements**

**Protection**

To protect data in system from destruction,  etc. a validation of data is required before entering to the database.

Functions by using regular expressions, will check for authentication of:

Ø  password

Ø  Email address

Ø  Username

By encrypting information such as password, using hash methods to protect privacy.

Admin will control information of other users while employees will check only information related to them.

Some methods are taken when added new employee or when changing employee data.

Security of the system will be achieved by:

Ø  Encryption

Ø  Activity logging

Ø  Data integrity check

**3.2.2 Organizational Requirements**

**3.2.2.1 Environmental Requirements**

The user must have an internet connection so they can use the application.

This application will be focused on being as efficient as possible for both, the

company(admin,employees) and also the clients(users).

Users should be able to operate properly by accessing the system and the

menu(main tab) so they can select proper products.

**3.2.2.2 Operational Requirements**

There are three types of users:

* Admin
* Employee(divided in two groups)
* Clients

The user will be able and responsible for these operations:

1. Create a user/Login(clients)

2. Make orders(clients)

3. Edit/Modify personal information(admin)

4. Check stock inventory(admin)

5. Check last orders(clients)

6. Check the orders of the clients and company’s bills to suppliers(admin)

7. Complete/delivered orders(employee)

**3.2.2.3 Development Requirements**

The system is going to operate as long as it is supported by a database in

phpMyAdmin platform. Once the construction and the design of the application is

finished and its system interface is accordingly connected with the database it is

its duty to manage the avoidance of any possible error occurrence. Also the

administrator and the manager of the company who have the most system access

can make any changes in the database, if needed.

**3.2.3 External Requirements**

**3.2.3.1 Legislative Requirements**

**3.2.3.1.1 Safety/Security Requirements**

Safety requirements ensure a safe design. System requirements must address the expectations of the customer in terms of safe system operation.

Warehouse employees will work in groups so they can face different problems when loading the shipments because sometimes the boxes of products can be heavy and cause injuries.

Clients together with delivery employees should arrange the boxes of products cooperating together when the order is delivered to specific client.

**3.2.3.1.2 Accounting Requirements**

Regarding the Client relationship, the billing format of each of the clients’ orders will be made according to the Law:Nr.92/14 “**Për Tatimin** mbi **Vlerën e Shtuar**” which states that value with VAT must be included and represented according to a specific standard.

Regarding the Employees relationship, everything will be done according to the law standards of “Inspektoriati i Punes”.

The [Law on Accounting and Financial Statement No. 9228](http://kkk.gov.al/foto/uploads/File/Ligji%209228%20date%2029.04.2004.pdf) of 2004 determines the financial reporting requirements applicable in Albania. For general purpose financial reporting, two reporting frameworks are applicable in the jurisdiction: (i) National Accounting Standards (NAS) and (ii) IFRS as issued by the IASB, translated and published in Albanian language by the National Accounting Council (NAC).

The following entities are required to apply IFRS: (a) listed companies and subsidiaries of listed companies; (b) banks and non-banking financial institutions; (c) investment firms; and (d) large non-listed companies meeting defined thresholds determined by a Government decree.

Other entities, mostly small and medium-sized entities, use NAS issued by the NAC and approved by the Ministry of Finance of Albania in accordance with the procedures established under Law No. 9228. NAS are based on the international standards. In 2015, the NAC with the assistance of the World Bank completed the revision of NAS to bring them closer in line with the requirements of IFRS for SMEs.

The [Law on Statutory Audit and Organization of the Accountancy Profession No. 10091](http://www.ieka.al/uploads/ligji_nr__10_091__date_5_3_2009_per_auditimin_ligjor__organizimin_e_profesionit_te_ekspertiti_kontabel_te_regjistruar_dhe_kontabilistit_te_miratuar.pdf) of 2009 modified in April 2016 by Law No. 47/2016, stipulates provisions governing audit of financial statements. The law requires application of ISA in statutory audits of entities that meet certain thresholds, including those entities which apply IFRS and joint stock companies which apply NAS.

The Albanian Institute of Authorized Chartered Auditors is responsible for the translation of ISA in Albania and, as of 2019, has translated the 2016 version of the standards.

**3.2.3.2 Ethical Requirements**

Every clients personal information, more importantly his orders and bills will be seen only by client itself and the admin or manager. His information will not be able to be accessed by other clients or other employees of the company.

**3.2.3.3 Regulatory Requirements**

**3.3 Domain Requirements**

The system manages and covers everything related to the distribution process for an existing medium-size business. It should be able to add and update employees and clients and store tabs of information on the database. The idea is that the program should operate to make it more efficient and easier for clients and the company to communicate by using this system.

**4. User scenarios/ Use Cases**

1. Client signs up

1. Enters email
2. Uploads shop name, phone number, address, username.
3. Sets and confirm password
4. Submits his info which are stored to database.

2. Client Successful Login

1. Enters username and password
2. If matched in the database, client is redirected to the client home page

3. Client Failed Login

1. Enter username and password
2. If not matched in the database, it is displayed an error message.

4. Client is at home page

1. Client is successfully logged in
2. He is redirected to Home page
3. Client can see our top products
4. Can see products which are in promotion
5. Can see new products
6. No action performed by client in Home page.

5. Client orders

1. Client is successfully logged in
2. Client goes to “Order Now” page
3. A list of all our products is displayed
4. List consists of product photo, name and price and a text box where he can enter the amount he wants to order for each product.
5. After completing his order he can submit it.

6. Client views his last bill

1. Client is successfully logged in
2. Client goes to “My Account” page
3. He can view his last bill(order).

7. Client checks his personal information

1. Client is successfully logged in
2. Client goes to “My Account” page
3. His account info is shown there below his last order
4. At the end of personal info there is an update button
5. When clicked Client can update his account.

8. Client updates his personal information

1. Client is successfully logged in
2. Client goes to “My Account” page
3. His account info is shown there below his last order
4. There is an option there by which he can update his personal info(address, shop name, email, password…)

9. Client views information about our company

1. Client is successfully logged in
2. Client goes to “About Us” page
3. He can see there general information about our company (Location, email, phone nr, photos).

10. Client looks currency exchange

1. Client is successfully logged in
2. Client goes to “Currency Exchange” page
3. There is a link which redirects him to “Iliria 98” official page(an exchange company which has cooperated with our company since the beginning of our company)

11. Manager Login

1. Enters username
2. Enters password
3. Username and password are checked with admin’s info in the database.
4. If matched in the database successfully redirected to admin home page.

12. Manager fails to Login

1. Enters username
2. Enters password
3. Username and password are checked with admin’s info in the database.
4. If not matched in the database an error message is shown.

13. Manager is at home page

1. Manager is successfully logged in
2. He is redirected to Home page
3. Manager can see our top products
4. Can see products which are in promotion
5. Can see new products

14. Manager is edits home page

1. Manager is successfully logged in
2. He is redirected to Home page
3. There is an option by which he can update the Home page

15. Manager views info about the company

1. Manager is successfully logged in
2. He goes to “About us” page
3. He can view general information about company

16. Manager updates info about the company

1. Manager is successfully logged in
2. He goes to “About us” page
3. He can view general information about company
4. He can edit and update this information when needed.

16. Manager looks currency exchange

1. Manager is successfully logged in
2. Manager goes to “Currency Exchange” menu
3. There is a link which redirects him to “Iliria’ 98” official page(an exchange company which has cooperated with our company since the beginning of our company)

17. Manager views orders by clients

1. Manager is successfully logged in
2. Manager goes to “Orders” page
3. A list of orders is shown there with corresponding order number, time when order was submitted by the client, username of the client ordering.

18. Manager confirms orders

1. Manager is successfully logged in
2. Manager goes to “Orders” page
3. He views the list of orders
4. He can confirm the order when every product demanded by the client is available at the warehouse.

19. Manager checks the orders delivered

1. Manager is successfully logged in
2. Manager goes to “Accounting” page
3. He checks there “Orders delivered” menu to see marked deliveries by the delivery employees.

20. Manager checks our bills/orders

1. Manager is successfully logged in
2. Manager goes to “Accounting” page
3. At the “Our Orders” Manager checks the bills of the company towards our suppliers.

21. Manager adds new bills/orders

1. Manager is successfully logged in
2. Manager goes to “Accounting” page
3. At the “Our Orders” Manager adds new bills of the company towards our suppliers

22. Client checks the warehouse’s stock

1. Manager is successfully logged in
2. Manager goes to “Accounting” page
3. At the “Check stock” menu he can see the stock available in warehouse.

23. Manager updates stock

1. Manager is successfully logged in
2. Manager goes to “Accounting” page
3. He opens there “Check stock” menu
4. He can update the stock at the end of each day.

24. Manager checks Accounting information

1. Manager is successfully logged in
2. Manager goes tob “Accounting” page
3. He opens there “Accounting Info” menu where he can see balance sheets and financial statements for each month.

25. Manager updates Accounting information

1. Manager is successfully logged in
2. Manager goes to “Accounting” page
3. He opens there “Accounting Info” menu where he can add the financial statements at the end of each month given to him by the company’s accountant.

26. Manager checks employees list

1. Manager is successfully logged in
2. Manager goes to “Employees” page
3. At the “Employees list” menu he checks the employees list

27. Manager deletes employees

1. Manager is successfully logged in
2. Manager goes to “Employees” page
3. At the “Employees list” menu he can delete the employees which are not part of the company anymore.

28. Manager registers employees

1. Manager is successfully logged in
2. Manager goes to “Employees” page
3. At the “Register Employees” menu he can register new employees by filling their information in a form.

29. Warehouse employee successfully logs in

1. He enters the username and password given to him by the manager
2. If they match with the username and password in the database he is logged in.

30. Warehouse employee fails to log in

1. He enters the username and password given to him by the manager
2. If they do not match with the username and password in the database an error message is shown to him.

31. Warehouse employee views the orders

1. He views the order when confirmed by the manager
2. Orders are ordered with numbers

32. Warehouse employee marks the orders

1. He views the order when confirmed by the manager
2. Orders are ordered with numbers
3. He marks the order when the shipment is loaded.

33. Delivery employee successfully logs in

1. He enters the username and password given to him by the manager
2. If they match with the username and password in the database he is logged in.

34. Delivery employee fails to log in

1. He enters the username and password given to him by the manager
2. If they do not match with the username and password in the database an error message is shown to him.

35. Delivery employee views the orders

1. He views the order when marked by warehouse employees
2. Orders are ordered with numbers

36. Delivery employee marks the orders

1. He views the order when marked by warehouse employee
2. orders are ordered with numbers
3. He marks the order when delivered to the client.

**Use Cases**

|  |  |
| --- | --- |
| Name | User signs up (UC\_01) |
| Summary | User creates an account in our system |
| Actor | Client |
| Description | User enters personal information such as email, address, phone nr and creates his username and password |
| Precondition | User must have valid email address and existing phone number. |
| Alternative |  |
| Post Condition | Account is created and user is ready to log in |

|  |  |
| --- | --- |
| Name | User logs in (UC\_02) |
| Summary | User enters the system by providing credentials |
| Actor | Client, manager, employees |
| Description | User enters correct username and password |
| Precondition | User must have valid and existing account |
| Alternative |  |
| Post Condition | User enters the system |

|  |  |
| --- | --- |
| Name | Client goes to Home page (UC\_03) |
| Summary | Client views the info and pictures found in Home page |
| Actor | Client |
| Description | Client can see some of our best products and some of our new products associated with pictures at home page. |
| Precondition | Client must be logged in first |
| Alternative |  |
| Post Condition |  |

|  |  |
| --- | --- |
| Name | Client enters amount (UC\_04) |
| Summary | Client enters the amount he want for every product he is ordering. |
| Actor | Client |
| Description | Client views the product list and can enter the amount he wants to order for each product which are displayed to him first. |
| Precondition | Client must be logged in first |
| Alternative |  |
| Post Condition | Client can now submit the order. |

|  |  |
| --- | --- |
| Name | Client submits the order (UC\_05) |
| Summary | Client submits his order when ready. |
| Actor | Client |
| Description | After entering the amounts he wants for each product, Client can now submit his order. |
| Precondition | Client must be logged in first and must have entered amounts. |
| Alternative |  |
| Post Condition | Order is now available at the manager account. |

|  |  |
| --- | --- |
| Name | Client updates account (UC\_06) |
| Summary | Client can update his account by filling information they need to change |
| Actor | Client |
| Description | Client can change personal information at “My Account” page by clicking the “update ” button |
| Precondition | Client must be logged in first |
| Alternative |  |
| Post Condition | Client information is updated in the database |

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| --- | --- |
| Name | Client access currency exchange page (UC\_07) |
| Summary | Client is directed to “Iliria 98 ” official exchange page |
| Actor | Client |
| Description | Client clicks “currency exchange” page under which is displayed a link that sends him to “Iliria 98” web page to view the currency exchange. |
| Precondition | Client must be logged in first |
| Alternative |  |
| Post Condition | Client is directed to “Iliria 98” web page |

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| --- | --- |
| Name | Client visits “About us” page (UC\_08) |
| Summary | Client views info about our company. |
| Actor | Client |
| Description | Client goes to “About us” page where he can view some information about our company |
| Precondition | Client must be logged in first |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager views Home page (UC\_09) |
| Summary | Manager goes the Home page of our system |
| Actor | Manager |
| Description | Manager can see there some of our best products, new products and products which are in promotion. |
| Precondition | Manager must be logged in first |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager edits Home page (UC\_10) |
| Summary | Manager edits the Home page of our system |
| Actor | Manager |
| Description | Manager can edit the “Home” page of our system. He can update the best products, new products and products which are in promotion. |
| Precondition | Manager must be logged in first |
| Alternative |  |
| Post Condition | “Home” page is now updated. |

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| --- | --- |
| Name | Manager views “About us” info (UC\_11) |
| Summary | Manager goes to view information about the company. |
| Actor | Manager |
| Description | Manager goes to the “About us” page which contains general information about our company |
| Precondition | Manager must be logged in first |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager edits “About us” info (UC\_12) |
| Summary | Manager can update or change general info about the company |
| Actor | Manager |
| Description | Manager by clicking an “edit” button at the “About us” page can edit and update info and pictures about the company |
| Precondition | Manager must be logged in first |
| Alternative |  |
| Post Condition | “About us” information is updated |

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| --- | --- |
| Name | Manager access currency exchange page (UC\_13) |
| Summary | Manager is directed to “Iliria 98 ” official exchange page |
| Actor | Manager |
| Description | Manager clicks “currency exchange” page under which is displayed a link that sends him to “Iliria 98” web page to view the currency exchange. |
| Precondition | Manager must be logged in first |
| Alternative |  |
| Post Condition | Manager is directed to “Iliria 98” web page |

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| --- | --- |
| Name | Manager views the orders (UC\_14) |
| Summary | Manager goes to “Orders” page to view the orders |
| Actor | Manager |
| Description | Manager goes to “Orders” page at which orders are shown with details such as the time the client has submitted the order and the username of the order. |
| Precondition | Manager must be logged in first. Clients must have submitted orders. |
| Alternative |  |
| Post Condition | Manager is aware of the orders. |

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| --- | --- |
| Name | Manager confirms order (UC\_15) |
| Summary | Manager views order with some detail about it and confirms it. |
| Actor | Manager |
| Description | Manager clicks “Orders” tab under which orders are shown with details such as the time the client has submitted the order and the username of the order. He can confirm the order by clicking “Confirm Order” button |
| Precondition | Manager must be logged in first. Clients must have submitted orders. |
| Alternative |  |
| Post Condition | When order is confirmed it is updated to warehouse employees accounts. |

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| Name | Manager views “Accounting” page (UC\_16) |
| Summary | Manager views information related to accounting. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He can now access 4 different menus : 1.Orders Delivered 2.Our Orders 3.Accounting Info 4.Check Stock |
| Precondition | Manager must be logged in first. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager checks orders delivered (UC\_17) |
| Summary | Manager views the orders delivered to our clients. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Orders Delivered” menu where he checks the orders delivered to our clients. |
| Precondition | Manager must be logged in first. Delivery employee must have marked the orders as delivered. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager checks “Our Orders” (UC\_18) |
| Summary | Manager views the orders of the company to our suppliers. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Our Orders” menu where he checks our bills from our suppliers. |
| Precondition | Manager must be logged in first. There must be existing bills. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager adds new bills (UC\_19) |
| Summary | Manager adds new bills of the company to our suppliers. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Our Orders” menu where he checks our bills from our suppliers. There he can add new bills. |
| Precondition | Manager must be logged in first. |
| Alternative |  |
| Post Condition | There are new bills from our suppliers. |

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| --- | --- |
| Name | Manager checks accounting information (UC\_20) |
| Summary | Manager views information regarding accounting |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Accounting Info” menu where he checks financial statements and balance sheets. |
| Precondition | Manager must be logged in first. There must be existing financial statements. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager adds accounting information (UC\_21) |
| Summary | Manager adds new financial statements. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Accounting Info” menu where he checks financial statements and balance sheets. He adds new financial statements and balance sheets every month |
| Precondition | Manager must be logged in first. There must be existing financial statements. |
| Alternative |  |
| Post Condition | Accounting Info is updated with new financial statements and balance sheets |

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| Name | Manager checks Stock (UC\_22) |
| Summary | Manager checks the stock available in the warehouse. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Check Stock” menu where he can see the stock available at the warehouse |
| Precondition | Manager must be logged in first. There must be stock in the warehouse. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager updates Stock (UC\_23) |
| Summary | Manager updates the stock available in the warehouse. |
| Actor | Manager |
| Description | Manager goes to “Accounting” page. He opens the “Check Stock” menu where he can see the stock available at the warehouse. He updates the stock at the end of each day |
| Precondition | Manager must be logged in first. There must be stock in the warehouse. |
| Alternative |  |
| Post Condition | Stock is updated in the database. |

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| --- | --- |
| Name | Checks employees list (UC\_24) |
| Summary | Manager checks the list of all employees. |
| Actor | Manager |
| Description | Manager views all the employees name and surname ordered by numbers. |
| Precondition | Manager must be logged in first. There must be a list of employees. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Manager deletes employees (UC\_25) |
| Summary | Manager can delete employees from database anytime. |
| Actor | Manager |
| Description | Manager deletes employees by clicking “delete” next to the name of the employee |
| Precondition | Manager must be logged in first. |
| Alternative |  |
| Post Condition | Changes saved in database and the employee is deleted |

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| Name | Registering Employees (UC\_26) |
| Summary | Manager register new employees. |
| Actor | Manager |
| Description | Manager goes to “Employees” page. He opens the “Register Employees” menu and adds new employees by filling the form. |
| Precondition | Manager must be logged in first. |
| Alternative |  |
| Post Condition | Employees list updated. |

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| --- | --- |
| Name | Warehouse employee checks the order (UC\_27) |
| Summary | He views the orders confirmed by the manager |
| Actor | Warehouse employee |
| Description | Warehouse employee views the order when it is confirmed by the manager |
| Precondition | Warehouse employee must be logged in first and there must be orders confirmed. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Warehouse employee marks the order (UC\_28) |
| Summary | Warehouse employee marks the order when it is ready to be delivered. |
| Actor | Warehouse employee |
| Description | Warehouse employee must mark the order after it is loaded and it is ready to be delivered. |
| Precondition | Warehouse employee must be logged in first and there must be orders not marked in his account. |
| Alternative |  |
| Post Condition | Delivery employee receives the order in his account. |

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| --- | --- |
| Name | Delivery employee checks the order (UC\_29) |
| Summary | He views the orders marked by warehouse employees. |
| Actor | Delivery employee |
| Description | Delivery employee views the order when it is confirmed by the warehouse employees. |
| Precondition | Delivery employee must be logged in first and there must be orders confirmed. |
| Alternative |  |
| Post Condition |  |

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| --- | --- |
| Name | Delivery employee marks the order (UC\_30) |
| Summary | When the order is transported to the client, delivery employee marks the order. |
| Actor | Delivery employee |
| Description | Delivery employee must mark the order after it is successfully transported to the client. |
| Precondition | Delivery employee must be logged in first and there must be orders not marked in his account |
| Alternative |  |
| Post Condition | Manager receives confirmation in his account |