***User Requirements Specification***

Software solution for “Media Bazaar” GROUP 1

Members: Bohdan Tymofieienko, Stelian Rumenov, Andreea

Sindrilaru, Andrei Sava.

Tutor: Pencheva,Sabina S.

Date: 25/02/2021

***Table of contents***

**Title page 1**

**Agreements with client 3**

**Functional requirements 4**

**Prioritizing table 6**

[**Use**](#_s2yrcasz4d75) **cases 7**

[**GUI**](#_mwx1z9rvfm7) **5**

***Agreements with client***

***Sides:***

Client: Media Bazaar, *“Client”* later in this document.

Contractor: Group 1 (name TREE), *“Contractor”* later in this document.

***Agreements:***

1. Contractor does the problem analysis.
2. Contractor prepares the problem solution in form of information system.
3. Contractor implements the solution in form of client-server software application for Windows operating system.
4. Team presents the product to the Client.
5. Project must be completed within the period of 6 weeks.

***Functional requirements***

All the requirements were discussed with client. *“User” later in the document is an abstract alias to describe the functionality.*

***Windows application (Manager and Administrator side):***

1. User can login to the system with personal credentials.
2. User can change the password.
3. User can logout from the system.
4. User can view list of employees.
5. User can add employee to the system.
6. User can update employee information.
7. User can modify employee status
8. Active / Inactive

ii) Started / Not started

1. User can view statistical information  
   (Employee attendance, employee salaries, stock amount, employee count per department)
2. User can view employee schedule.
3. User can assign one of three shifts to employee.
4. User can update information concerning employee’s schedule.
5. User can cancel shift assignment for the employee.
6. System can automatically organize employee schedule
7. Following employee preference if possible.

ii) Based on work contract.

iii) According to work regulation.

1. User can view list of departments.
2. User can add new departments.
3. User can update information about departments.
4. User can assign employee to the department.
5. User can remove department from the system.
6. User can view items in stock.
7. User can view restoke request(s).
8. User can add items to the system.
9. User can update information regarding items.
10. User can remove items from the system.
11. User can view statistics concerning items in stock.

***Website (Employee side):***

1. User can login to the system with personal credentials.
2. User can change the password.
3. User can logout from the system.
4. User can view the work schedule.
5. User can choose preferred shift.
6. User can cancel the schedule.
7. User can send message(complaint, suggestion etc.) to a manager.
8. User can view list of items in stock.
9. User can send restoke request.

***Prioritizing table***

|  |  |  |  |
| --- | --- | --- | --- |
| *Must* | *Should* | *Could* | *Won’t* |
|  |  |  |  |

***Use cases***

***Use case: Administrator adds new employee***

Actors: Administrator

Main Success Scenario:

1. Administrator clicks “Add new employee”.
2. New form is open.
3. Administrator inputs employee information.
4. Administrator press “Done.”
5. System shows that employee has been successfully added.

Extension:

1. Field is empty

a. Notify user.

***Use case: Administrator updates employee information***

Actors: Administrator

Main Success Scenario:

1. Administrator clicks “Update employee information”
2. New form is open.
3. Administrator may change employee information.
4. Administrator press “Done.”
5. System shows that information has been successfully updated.

Extension:

1. Field is empty

a. Notify user.

***Use case: Administrator updates employee status***

Actors: Administrator

Main Success Scenario:

1. Administrator clicks “Update employee information”
2. New form is open.
3. Administrator may change employee status (1 out of 4).
4. Administrator press “Done.”
5. System shows that status has been successfully updated.

***Use case: Administrator adds new department***

Actors: Administrator

Main Success Scenario:

1. Administrator clicks “Add new department”.
2. New form is open.
3. Administrator inputs department information.
4. Administrator press “Done.”
5. System shows that department was successfully added.

Extension:

1. Field is empty

a. Notify user.

***Use case: Administrator assigns employee to the department***

Actors: Administrator

Main Success Scenario:

1. Administrator clicks “Update employee information”.
2. New form is open.
3. Administrator chooses department from the list
4. Administrator press “Done.”
5. System shows that employee has been successfully added.

***Use case: Administrator assigns a shift to employee***

Actors: Administrator

Main Success Scenario:

1. Administrator opens a week scheduler.
2. Administrator clicks on an empty slot.
3. Administrator chooses employee from the list of potentially available employees.
4. System shows that employee was successfully assigned.

***Use case: Manager views the employee statistics***

Actors: Manager

Main Success Scenario:

1. Manager opens a statistics section.
2. Manager clicks on “Employees”.
3. Manager may go through the employee list.
4. Manager may search for certain employee.
5. Manager may see the graph with average attendance.
6. Manager may filter the departments to see attendance of specific department.
7. Manager closes the form.

***Use case: Manager views the stock statistics***

Actors: Manager

Main Success Scenario:

1. Manager opens a statistics section.
2. Manager clicks on “Items”.
3. Manager may go through stock items list.
4. Manager may search for certain item.
5. Manager may see the graph with sales per day.
6. Manager closes the form.

***Use case: Manager controls stock request***

Actors: Manager

Main Success Scenario:

1. Manager opens a list of stock requests.
2. Manager clicks on certain request.
3. Separate window is open.
4. Manager may approve or deny.
5. System notifies the user that operation was completed.