

User Requirements Specification

Software solution for “Media Bazaar”
GROUP 1

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Table of contents

Agreements with client	3
Sides:	3
Agreements:	3
Functional requirements	4
Windows application (Manager and Administrator side):	4
Website (Employee side):	5
Prioritizing table MosCow	6
Wireframes	9

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
 - iii) Active / Inactive
 - ii) Started / Not started
8. User can view statistical information
(Employee attendance, employee salaries, stock amount, employee count per department)
9. User can view employee schedule.
10. User can assign one of three shifts to employee.
11. User can update information concerning employee's schedule.
12. User can cancel shift assignment for the employee.
13. System can automatically organize employee schedule
 - iii) Following employee preference if possible.
 - ii) Based on work contract.
 - iii) According to work regulation.
14. User can view list of departments.

15. User can add new departments.
16. User can update information about departments.
17. User can assign employee to the department.
18. User can remove department from the system.
19. User can view items in stock.
20. User can view restoke request(s).
21. User can add items to the system.
22. User can update information regarding items.
23. User can remove items from the system.
24. 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 MosCow

Feature	Must have	Should Have	Could have	Won't have
Store employee data (name, number, address etc.)				
Store stock data (product name, number, quantity etc.)				
Assign workshifts to employees				
View employee and stock statistics				
Extend application features				
Add or terminate employees				
Store history of previous employees				
Login/logout to unique profile				
Restrict or grant access to certain permissions and				

features based on role				
View employee attendance				
Register as a new user				
Track employee activity/availability				
Schedule shifts to employees				
View departments and their information				
View products and their information				
Add/remove a department				
Add/remove products				
Access system from home computer				

Employee can edit their work-related information (such as salary and role)				
State shift preference				
Website connected to same database as application				
Employee can login/logout of website				
Employee can register in website				
Employee can view personal information in website				
Employee can view schedule in website				
Employee can contact manager through website				
Employee can state a shift preference				

Wireframes

Employees	Stock	Requests	Calendar	Statistics	Departments
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Employees	Stock	Requests	Calendar	Statistics	Departments
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First name <input type="text"/>	Hourly wage <input type="text"/>
Last name <input type="text"/>	Account number <input type="text"/>
Address <input type="text"/>	Department <input type="text"/>
Email <input type="text"/>	Role <input type="text"/>
Date of birth <input type="text"/>	Contract <input type="text"/>
Date of first working day <input type="text"/>	Shifts Shift A <input type="checkbox"/> Shift B <input type="checkbox"/> Shift C <input type="checkbox"/>

More wireframes can be found in our GIT repository:

<https://git.fhict.nl/1454066/prj-cb07-group1/-/tree/master/Documentation/Wireframes.pdf>