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| Icon  Description automatically generated  **Media Bazar App** |
| Project Plan Document |
| Our client Media Bazar (daughter company of Jupiter), is planning to open their very first shop in Eindhoven.  Because the administration is the backbone that manages all aspects of the company, management would like to develop a software that facilitates said administrative tasks for the new shop. |
| **S02CB06-G4**   * Çelik, Servet can S.C. * Hadnagy, Robert R. * Rodriguez Rosero, Melissa M. * Welles, Lloyd L. (Team Lead) |

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# Client and situation description

The Jupiter company is setting up a retail store in the hardware industry. They are looking for a better way to manage their employees and their stock within their Media Bazaar store.

As of right now they are using Excel sheets and online calendars. However, these are too detailed and unreliable, and they are looking for a new custom-made solution.

Currently the client would like to have a system where students and clients can record and see agreements made between them.

Below are the current needs for the client, that they expect to tackle with the new solution:

## Scheduling

* Manager should be able to generate schedules automatic and manually.
* Employees should be able to see their schedule.
* Employees should be able to send schedule preferences. (New requirement)
* Employees should be able to Login via website to see their schedule online. (New requirement)

## Re-shelving

* Employees should be able to send re-shelving requests.
* Depo employees should be able to see re-shelving request.

## Managing employee information

* HR should be able to create, edit and remove employees.
* Managers should be able to see contact details for employees.
* HR should be able to see the contract history of employees. (New requirement)

## Managing Stock information

* Administration and depo workers should be able to see/ modify stock information. (New requirement)

# Project stakeholders’ analysis

**JUPITER REPRESENTATIVE**

* Chung Kuah is the main client representative
* Has final say/approval on app features.
* Provided problems to solve with app.

**MEDIA BAZAR ADMINISTRATION, MANAGERS AND HR**

* Other end users
* They have access to manipulate data.
* Some pain points directed to them
* Thought of some of the design based on them

**MEDIA BAZAR FLOOR AND DEPO EMPLOYEES**

* End users
* Pain points directly directed to them
* Thought of some of the design based on them.
* not too technical people.

**GROUP S0206-4 MEMBERS**

* In charge of the design, development and launch of app.
* In charge of presenting final solution to client.

# App features/Deliverables

* Create account and Login function, as Floor Employee/Depot/Manager/Administration/HR
* Planning tool to make scheduling automatically (new requirement) or manually
* See schedule online (new requirement) and through desktop app.
* Send request for Absence/ Holiday (removed from final list of requirements)
* Make and see re-shelf requests, per department
* See/edit employee details.
* Add/remove employees.
* See employees’ contract history (new requirement)
* When creating a new employee on the system, send email with user name and password to employee’s corporate email address.
* Sending schedule preferences through the employees’ website (new requirement)
* See/ modify stock information using info from re-shelving requests.

# Phasing

## Phase 1

Activities:

* Draw out basic layouts for tabs/functions
* Create UML/Class diagram with necessary fields, naming conventions and presumed methods.
* Format documents that have already been used, make them presentable and expandable.
* Create the employee classes, Employee/Depot/Manager/Administration

Deliverables:

* Week 1: Project Plan.
* Week 2: UML and URS.
* Week 2: Front end skeleton for Floor employee, Depo, Administration
* Week 2: Employee classes

## Phase 2

Activities:

* Start making and designing the tabs/functions
* Start making the schedule and the employee administration functions
* Database related things rely on self-study or WKS

Deliverables:

* Week 3: Feature: Create, edit and remove employees
* Week 3: Feature: Create, edit schedule
* Week 3-4: Link Database to application

## Phase 3

Activities:

* Start making a more proper program
* Start making the function for calling in sick and holiday request
* Send, receive reshelving requests
* Application testing

Deliverables:

* Week 4: Feature: Calling in sick
* Week 5: Feature: Reshelving request
* Week 5: Bug fixes

## Phase 4

Activities:

* Make Presentation
* Tag the software as deliverable in Git
* Present the solution

Deliverables:

* Week 5-6: Finished application
* Week 6: Presentation

## Phase 5

Activities:

* Present to client
* Get feedback
* Review and discuss Feedback
* Discuss implementing new functions

## Agile Face

## Phase 6

First two weeks iteration

Activities:

* Review and discuss Feedback From presentation
* Discuss implementing new functions
* Create issue board and assign Activities according to functions backlog
* Present to client
* Get feedback
* Review and discuss Feedback
* Discuss implementing new functions

Deliverables:

* Week 17: Finished Minimum Viable product: Login, Schedule, Stock/Re-shelving, Employee Management (add, edit, remove, view functions)
* Week 19: Presentation

## Phase 7

Second two weeks iteration

Activities:

* Review and discuss Feedback From presentation
* Discuss implementing new functions
* Create issue board and assign Activities according to functions backlog
* Present to client
* Get feedback
* Review and discuss Feedback
* Discuss implementing new functions

Deliverables:

* Week 21: Finished Minimum Viable product
* Week 21: Presentation

## Phase 8

Last two weeks iteration

Activities:

* Review and discuss Feedback From presentation
* Discuss implementing new functions
* Create issue board and assign Activities according to functions backlog
* Present to client

Deliverables:

* Week 23: Finished final application and website versions.
* Week 23: Presentation