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| Fontys University of Applied Science |
| Project Plan |
| Media Bazaar |
| PRJ CBO-02 02  Supervisor: Brice Guayrin  Eindhoven, 01-09-2021 |

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# Document Change Record

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| *Date* | *Version* | *Author* | *Comments* |
| 01-09-2021 | 0.1 | Kenneth/Andrija/Sander | Initial Document |
| 08-09-2021 | 0.2 | Kenneth/ Andrija/ Sander | Updated version of initial document |
| 12-08-2021 | 0.3 | Kenneth/ Andrija/ Sander | Final version |

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# Definitions, Acronyms and Abbreviations

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| *Term* | *Description* |
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# 1 Client

Our client is Mrs, a spokesperson from Media Bazaar. Media Bazaar is a rapidly growing technology based store. They are about to open a store in Eindhoven, but they are looking forward to expanding to other cities. Funded by their parent company “Jupiter”, they have been assigned to create an application that improves efficiency and easiness of handling large amounts of products and employees. Media Bazaar as a store sells home appliances and tools, toys and games for children, food and many more.

Media Bazaar currently has a Management , the administration and lastly the depot Stock workers.

All contact with the client will be through Mrs. Guayrin All meetings will be discussed with Mrs. Guayrin beforehand in order to determine its importance and scheduling.

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# 2 Team

Our team consists of:

* Boakye-Buah,Kenneth K.A. , 3932257, [k.boakyebuah@student.fontys.nl](mailto:k.boakyebuah@student.fontys.nl)
* Andrija Hanga, 4137612 , [a.hanga@student.fontys.nl](mailto:a.hanga@student.fontys.nl)
* Boers, Sander, 438165, [s.boers@student.fontys.nl](mailto:s.boers@student.fontys.nl)

Repository:   
<https://github.com/Andrija121/MediaBazaarProjectKSAsolutions>

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# 3 Current Situation

The situation that Media Bazaar has adhered to, is that their schedules have to be made manually and often stored on an excel sheet. Their Inventory management is not being done with the help of computers, so their employees have to do it with pen and paper. All employees are managed through verbal communication/email or phone calls when at home.

# 4 Problem Description

The Media Bazaar administrations have issues managing the schedules of their employees. There is no digital schedule their employees can follow so there’s a high amount of absence at work, which is not properly being managed or accounted for. The employees' personal information is going out of date, because the process of storing this information is handled manually which is creating a lot of problems for the administration/management teams. Other problems like checking/storing their statistics and sales, and checking track of their stocks are problems Media bazaar struggles to manage. They hope to have an application that can handle their gradually growing work force and data.

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# 5 Project Goal

The first phase of the project is to create an application that is going to be able to store the employees personal details, and to establish the accessibility levels of all the Users of the application. We want to be able to display the store stocks and warehouse stocks so that the management team can monitor which products are selling and which aren’t. This process will allow them to restock, Add, Update and Delete the current stock of Media Bazaar. We also hope to automate the schedules of their employees and managers so that both view, request and plan the times they want to work.

# 6 Deliverables

* desktop application
  + The management department is able to add, update and delete new accounts and assign role changes to them (store employee etc)
  + The management department should be able to view statistics of sales and stocks
  + The HR management will be able to schedule shifts and assign tasks to employees.
  + Each employee type has specific data available to them. Different login parts and system information for the various client rules should be made.
  + The administrator is able to schedule or delete the shifts for the employee
  + The Depot worker should be able to see, add, delete, edit the stocks
  + The Depot Worker should be able to see incoming requests for shelf restocks which can be partially accepted.
  + Website employee view

# 7 Non-Deliverables

* Customer support service

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# 8 Constraints

1. The deadline of our project is at the end of week 18
2. We need to have the mentioned functionalities in application by the end of week 18
3. Due to the ongoing pandemic we have a limited amount of working time at school because of scheduled classes so the rest of the work must be done online for the time being.
4. The programming language we are going to use C#

# 9 Phasing

Following phases show progress made in every iteration (6 weeks), which will divide 18 weeks as 3 sprints of 6 weeks

1. Phase 1: Analysis
   * Activities:
     1. Discussing and writing a work agreement with the team
     2. Wrote the project plan and held meetings with the client
2. Phase 2: Design
   * Activities:
     1. Writing the user requirements document
     2. Finalising the project plan
     3. Writing database relationships
     4. Prototyping
3. Phase 3: Implementation
   * Activity:
     1. Finalising user requirements document
     2. Dividing work
     3. Coding the desktop application
4. Phase 4: Implementation
   * Activity:
     1. Continuation of implementation
5. Phase 5: Testing
   * Activity:
     1. Producing Test Report
     2. Testing our application
     3. Finalising our implementation
6. Phase 6: Demo
   * Activity:
     1. Preparing demo presentation
     2. Git tagging our application

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