

PROJECT PLAN MEDIA BAZAAR UNICART



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1 Project Overview

1.1 Current Situation

Backed by its parent company, Jupiter, Media Bazaar is a new hardware store with a single retail location and an associated warehouse in Eindhoven. Jupiter's administrative team is grappling with inefficiencies in employee scheduling and inventory management. They currently rely on rudimentary Excel spreadsheets for these tasks, leading to scheduling conflicts and stock mismanagement. Multiple teams are vying to provide Jupiter with a streamlined ICT solution.

1.2 Problem Statement

Media Bazaar faces dual challenges:

1. **Employee Scheduling:** The existing Excel-based system is too difficult and prone to errors. Shift modifications are communicated via phone calls, making it hard to track changes and leading to employee dissatisfaction.
2. **Inventory Management:** The absence of a centralized system for inventory tracking complicates restocking procedures and increases the likelihood of data loss.

1.3 Project Objectives

The primary goal is to simplify Media Bazaar's operational and administrative processes. We aim to develop an ICT solution that eradicates miscommunication and inefficiencies, focusing initially on employee management and subsequently on inventory optimization.

1.4 Constraints and Technologies

The initial version is slated for completion within six weeks, followed by a twelve-week period for additional feature integration. To ensure timely delivery, we will prioritize features most critical to our client-employee and inventory management. The tech stack includes C#, HTML5, CSS, JavaScript, Windows Forms, ASP.NET Razor Pages, and Bootstrap.

1.5 Client Information

Our client is a new hardware store "Media Bazaar", funded by the "Jupiter" company. The company is represented by Henriette.

1.6 Team Composition

Team UniCart contains the following developers:

- Claudiu Gabriel Badea
- Nazim Ahmedov
- Danila Solovenko
- Angel Rusev