



# MediaBazaar Tech Store Management Application: Process report

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## Work division

Mihai Balan: General web structures, cookies, login/logout, password management

Dimitar Atanasov: Announcements, homepage, upcoming shifts

Pavel Angelov: Design, login page, schedule calendar, email integration

Ivan Bakalov: Shift updates, profile update page

## Personal reflection

**Mihai Balan:** Working on the general web structures, implementing cookies, and managing user authentication was a challenging task. It required a solid understanding of web development principles and security concerns. I feel that I have gained valuable experience

**Dimitar Atanasov:** Developing the announcements and homepage features as well as handling upcoming shifts was an exciting responsibility. I enjoyed the process of designing user-friendly interfaces and ensuring seamless integration with other components. This project has expanded

in developing secure and efficient web applications.

**Pavel Angelov:** Designing the login page, creating the schedule calendar, and integrating email functionality were tasks that allowed me to showcase my design skills and attention to detail. I am satisfied with the final product and believe the aesthetics and user experience have greatly improved through our collaborative efforts.

my skills in front-end development and team collaboration.

**Ivan Bakalov:** Updating the shift management system to allow three shifts per day and creating the profile update page were tasks that challenged me to think critically about user requirements and system efficiency. I believe these experiences have strengthened my ability to develop effective solutions in a team environment.

## Reflection about applying Iterative

o What are its strengths and weaknesses?

Strengths:

1. Flexibility in adapting to changing requirements
2. Early and continuous feedback from stakeholders
3. Incremental delivery of functionality
4. Better risk management

Weaknesses:

1. Requires constant involvement of stakeholders
2. Possibility of scope creep
3. Less predictable timeline and budget

## Reflection about the differences between waterfall and iterative

o How do the two approaches compare to each other?

Waterfall:

1. Linear and sequential approach
2. Focus on detailed documentation

3. Limited flexibility in changing requirements
4. Easier to predict timeline and budget
5. Suitable for well-defined projects

**Iterative:**

1. Incremental and adaptive approach
2. Focus on continuous improvement
3. High flexibility in changing requirements
4. Less predictable timeline and budget
5. Suitable for projects with evolving requirements or uncertain scope