WEEKLY REPORT #4

Project
WEB scraper for online stores
Team Members
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GitHUB
https://github.com/reterman/test_project.git

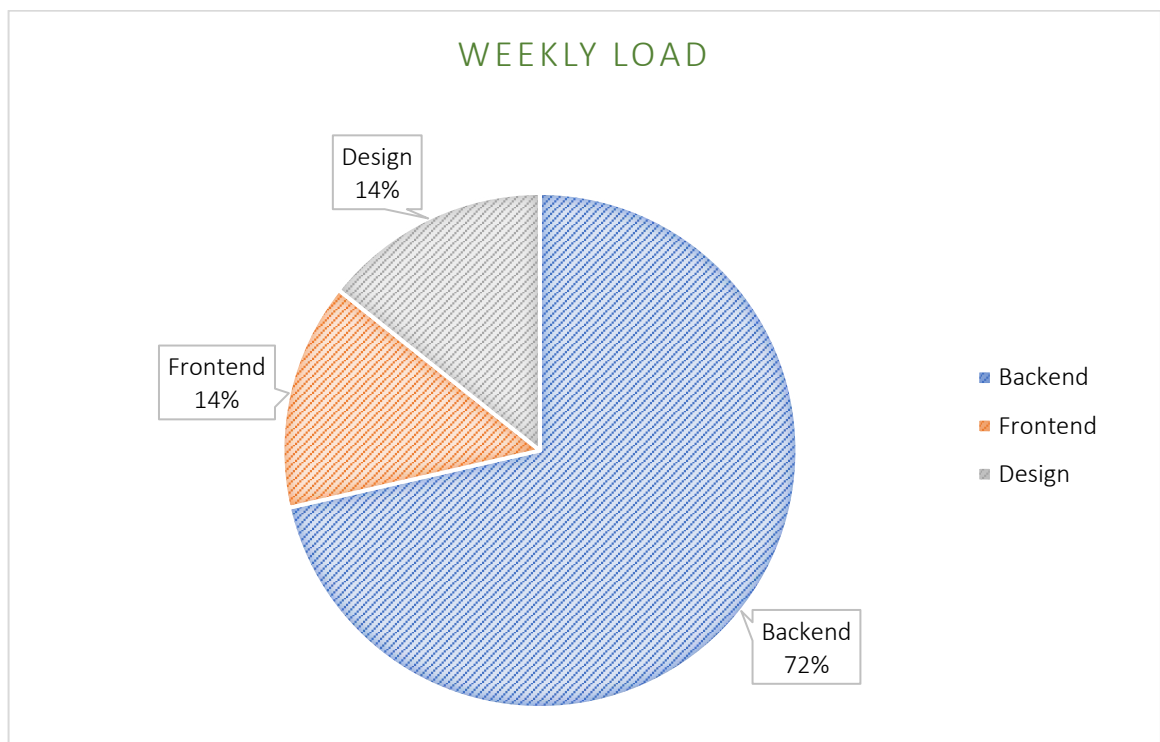## PART 1: BRIEF DESCRIPTION OF THE PROJECT IDEA

A price comparison tool that uses web scraping to gather pricing information from various online retailers for a specific product, and provides the user with a side-by-side comparison of the prices, allowing them to save money and make informed purchasing decisions.

PART 2: WEEKLY SPRINT

2.1. Workload distribution among team members

Since I am the only participant in my team, I performed every part of the project development on my own.

During the week, I spent a total of 3,5 hours on the fourth sprint.

2.2. Weekly tasks

#	Brief description	Hours spent
#1	Added a second marketplace from which the scraper searches for product data (https://cdek.shopping)	1
#2	Improved page loading time	1

| #3 | Adapted the design to different screen formats | 1 |
| #4 | Changed the product rating systems | 0,5 |

2.3. Detailed description of the tasks

#1 Added a second marketplace from which the scraper searches for product data (https://cdek.shopping)

Thanks to the static css class names, I was able to effortlessly introduce another marketplace into my project (cdek.shopping).

#2 Improved page loading time

I used explicit waiting to minimize the time spent on loading the page.
- The ExpectedConditions method allows you to expect various events, for example, loading an element, changing the value of an element, the appearance of an element on the page, etc.

#3 Adapted the design to different screen formats

With the help of the built-in bulma css classes, I was able to customize the design of my product for different devices: from mobile screens to full hd monitors.

#4 Changed the product rating systems

Some marketplaces lack an adequate rating system (or do not have one at all). In this regard, for the identity of all product cards in my project, a system was developed to replace empty values with zero, followed by a description.

PART 3: AN OBSTACLE THAT OCCURRED DURING THE SPRINT

#1 Unfortunately, bulma is still not able to provide an opportunity to completely change the existing system according to the wishes of users. Because of which the design of the system becomes limited.

#2 There are quite a few effective ways to improve the speed of Seleniuma.

PART 4: THE MAIN TASKS FOR THE FOLLOWING SPRINTS

#1 Prepare a presentation and a final report on the project.