

Sprint Report

SPRINT 2: 20.12.2024/27.12.2024

Team Members:

- 1- 211805077 Mustafa Kağan BAL
- 2- 221805035 Deniz Arda ÇELİK
- 3- 231805084 Dilara AKKUZU
- 4- 191805073 Arda PALA
- 5- 211805073 Emir ÖZCAN
- 6- 211805034 Melike ÇELİK
- 7- 211805108 Muhammet KORKMAZ
- 8- 211805027 Nazan SONAL
- 9- 171805027 Özgür TAŞ
- 10- 211805009 Utku Arda KURTAY
- 11- 211805057 Utku Deniz UĞUŞ
- 12- 221805097 Ilia BOHLOULVAND

Completed Tasks

Software Team:

1. **Voice Command Database Creation:**
 - Özgür and Emir completed the voice project, leaving only database creation with team members' voices and testing.
2. **Football Match Result Prediction:**
 - Initially assigned to Özgür and Ilia. Since Ilia reported insufficient knowledge, Özgür and Emir took the lead, collaborating with Melike and Ilia to complete the sprint tasks.
3. **Second-Hand Car Valuation :**
 - Muhammet and Utku Deniz Uğuş successfully completed the project requirements.
 - Prepared a section in the application to display the database for price predictions. After sprint delivery, this section will be moved to the admin panel, and the price prediction algorithms will be developed.

Data Team:

1. **Second-Hand Car Data:**
 - Arda Pala collected and processed car data, making it ready for use.
2. **Football Match Result Prediction Data:**
 - Due to a decision to change the dataset, current data is incomplete. It is expected to be ready within three days after sprint delivery.
 - Deniz Arda Çelik, unable to find a usable API without extra tools, identified a VPN-requiring API for live data collection and wrote the relevant code.
 - Emir and Özgür found an API for live football data and wrote the code to utilize it.

Challenges Faced and Solutions:

1. UX Integration:

- The UX designs created in Sprint 1 could not be integrated into the code and were subsequently abandoned.

2. Football Data Incompletion:

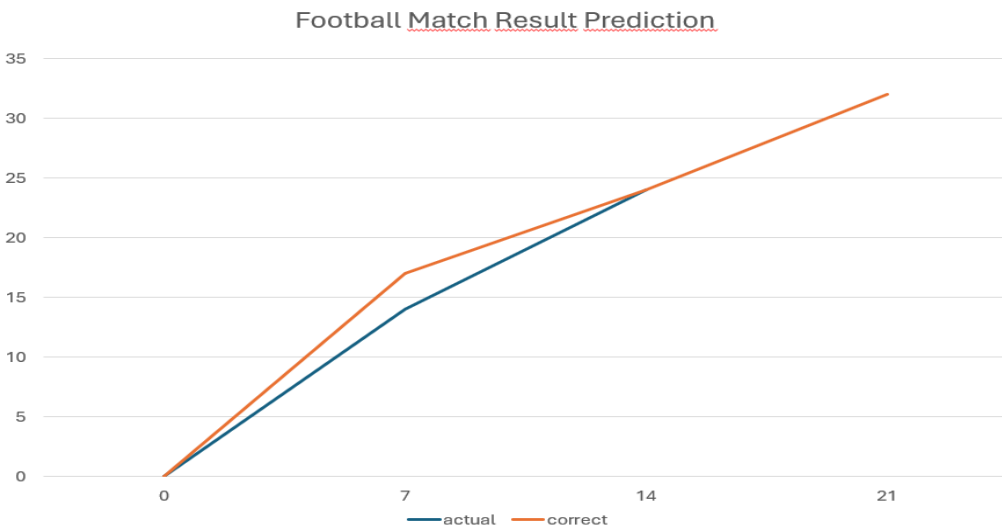
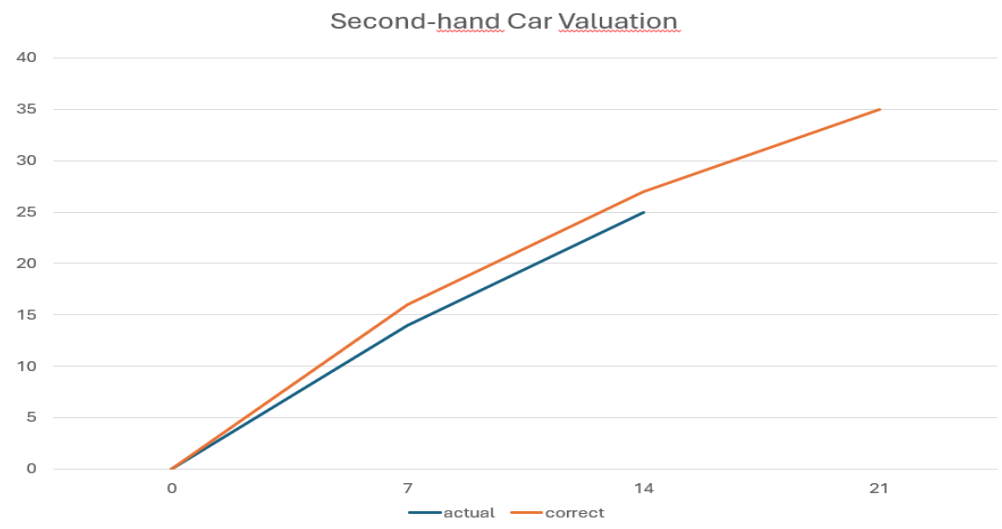
- The decision to change the football dataset delayed progress, leaving data incomplete at the end of the sprint. To mitigate this, roles were reassigned, and plans were restructured to ensure this does not impact Sprint 3 goals.

Reflection and Adaptation:

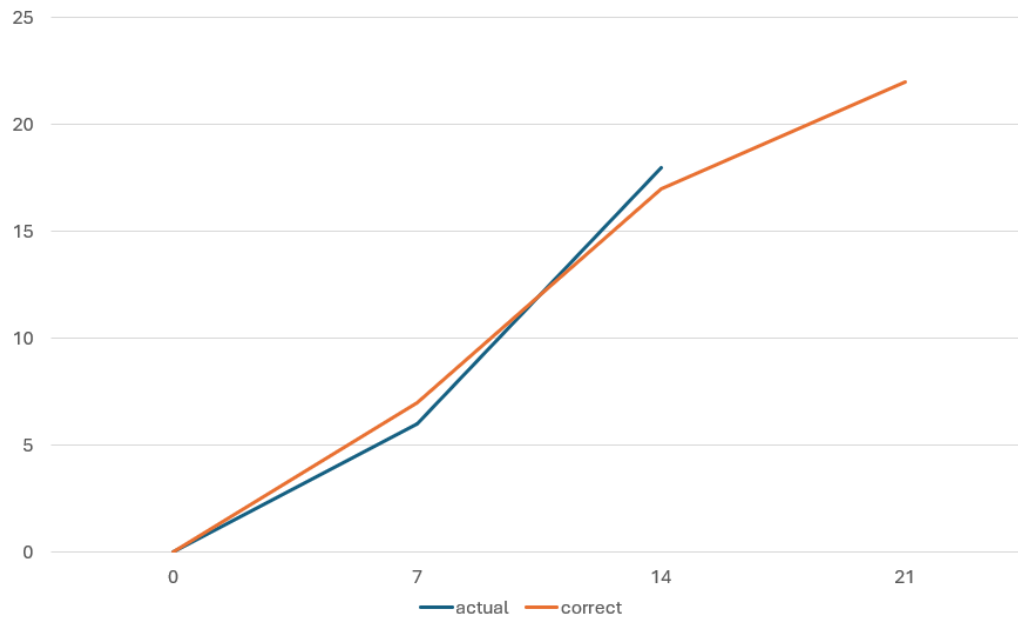
- **Reflection:**
 - The team faced challenges in integrating initial UX designs and adjusting to new datasets.
 - Communication and collaboration within sub-teams helped manage tasks effectively.
- **Adaptation:**
 - For incomplete football data, roles were restructured, and a revised plan was developed to ensure progress remains on track for Sprint 3.
 - The software team focused on segmenting features to be modular for easier future integration.

Conclusion: The sprint showcased significant progress in all projects, with the majority of tasks completed successfully. Challenges related to UX design integration and dataset changes were addressed through adaptive planning and teamwork. Moving forward, the team will focus on completing the remaining tasks, including testing, database creation, and finalizing datasets, while maintaining a continuous improvement mindset.

Burn-Up Charts



Voice Command Database Creation



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