

# Product Backlog

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## 1. Football Match Result Prediction

User Stories	Product Backlog Item	Priority	Story Points	Traceability
As a user, I want to be able to create an account so that I can log into the application with my own information.	Creating user registration	Medium	1	- User friendly graphical user interface (GUI) using PyQt5
	Creating user login	Medium	1	
As an administrator, I want to select a league and team. I want to view these teams match histories.	Determining of leagues	High	1	- Data scrapping from 5 leagues - Checking stored data - Obtaining meaningful data
	Determining websites to scrapping match data	High	1	
	Coding software for scrapping data	High	2	
	Testing code	Medium	1	
	Data scrapping	Medium	3	
	Checking data	Low	2	
	Creating meaningful dataset	Low	2	
As an administrator and user we want a basic interface design to ease of use.	Coding an interface	Low	3	- Creating interface - Creating buttons - Creating bars - Integration of the interface
	Coding a filtering button	Medium	1	
	Coding a search history for searching bar	Low	1	
	UX Designing	High	5	
As an administrator I want an application that works smoothly.	Entegration	High	1	- Completing tests - Smoothly working application
	Creating a test part	High	1	
	Coding a test code	Medium	2	
	Applying test	Medium	3	
	Debugging	Low	1	

## 2. Second hand car valuation

User Stories	Product Backlog Item	Priority	Story Points	Traceability
As a new user, I want to create an account using my personal information (such as name, email, and password) so that I can securely log in to the system, manage my profile, and access personalized features.	Creating user registration	Medium	1	- User friendly graphical user interface (GUI) using PyQt5
	Creating user login	Medium	1	
As a user, I want to input specific details about a second-hand car (such as brand, model, year, mileage, price, crash history, and city) so that I can get an accurate valuation of the car's market value and make an informed decision about my guess.	Ux design	High	3	<ul style="list-style-type: none"> <li>- Meaningful data</li> <li>- User friendly interface</li> <li>- Working buttons</li> <li>- Algorithm validation</li> </ul>
	Determining websites to scrapping Car Data	Medium	1	
	Coding software for scrapping data	High	2	
	Testing code	Medium	1	
	Data scrapping	High	3	
	Checking data	Medium	2	
	Creating meaningful dataset	Low	2	
	Design Filter Button	Low	1	
	Coding a filter button	Low	1	
	Coding Car Valuation Results Display button	Medium	1	
	Designing Car Valuation Results Display button	Medium	1	
	Coding search algorithm	High	3	
As a user, I want to view the history of my previous car valuations so that I can compare them and track any changes in the market value over time.	Create Valuation History Section	Low	2	<ul style="list-style-type: none"> <li>- User interface</li> <li>- Data Storage</li> <li>- Data Retrieval</li> </ul>
	Store Valuation Data	Low	1	
	Display Valuation History	Low	1	
As an administrator I want an application that works smoothly.	Entegration	High	1	<ul style="list-style-type: none"> <li>- Completing tests</li> <li>- Smoothly working application</li> </ul>
	Creating a test part	High	1	
	Coding a test code	High	2	
	Applying test	Medium	3	
	Debugging	Low	1	

### 3. Voice Command Database Creation

User Stories	Product Backlog Item	Priority	Story Points	Traceability
As an administrator I want software for recording voice and storage.	Coding Voice recording program	High	5	- Recording voices - Storing Voices
	Coding a program for store voice to specific file	High	3	
	Create a test program	High	1	
	Apply Test	High	1	
	Creating files for each voices	Medium	1	
As an administrator I want an interface to select which voice I will record.	Creating a Interface for program	High	2	- Viewing of Interface
	Creating a section bar	Medium	1	
	Creating a Voice record button	Medium	1	
As an administrator I want Connection with backend and Frontend.	Entegration	High	2	- Making test - Smoothly working application
	Creating a test code	Medium	2	
	Making test	Medium	1	
	Debugging	Low	1	
As an administrator I want at least 10 different voices for each command.	Recording Voices	High	1	- At least 10 different voice for every command