

ServiceCarFinder

Case study

Presently, there are 1.42 billion cars in operation worldwide, that cars need a set of new tires about every 2 years, 2-3 washings per week, frequent verifications and minor repairs.

Our business plan focuses on convenience, saving time and efficient planning of people's schedules. We try to introduce something new on the market and to intervene as intermediaries between multiple car companies and drivers who no longer want to spend hours in line waiting until the procedures of the other cars are finished. Our platform displays an interactive map with our service car companies, providing the possibility to customers to place an appointment in the desired location, specifying the desired time interval as well as the desired operations within the appointment. The application will display the approximate time and cost required for the selected operations.

Technologies

We will use the following technologies :

- Programming language : C#
- Framework : ASP.NET
- Azure Cloud Services :
 - App Service for managing and hosting the web application.
 - EasyAuth for users Authorization/Authentication.
 - Azure SQL Database for storing all the necessary entities.
- Google Cloud Services :
 - reCaptcha for proving that users aren't a robot.
 - Google Calendar API for viewing available appointments.
 - Google Functions.