

# PROJ 302

# SUMMER INTERNSHIP

# arabam.com

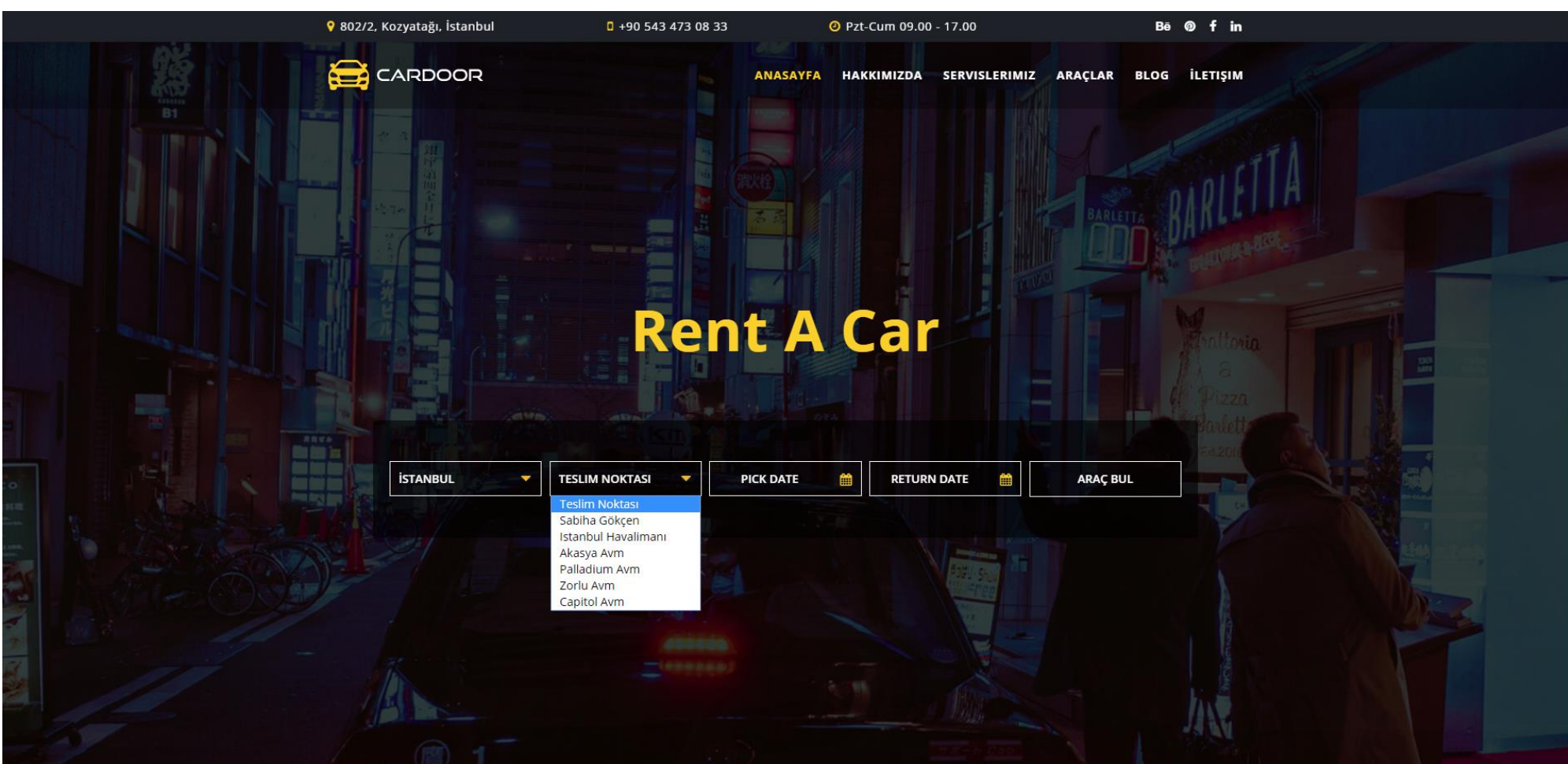
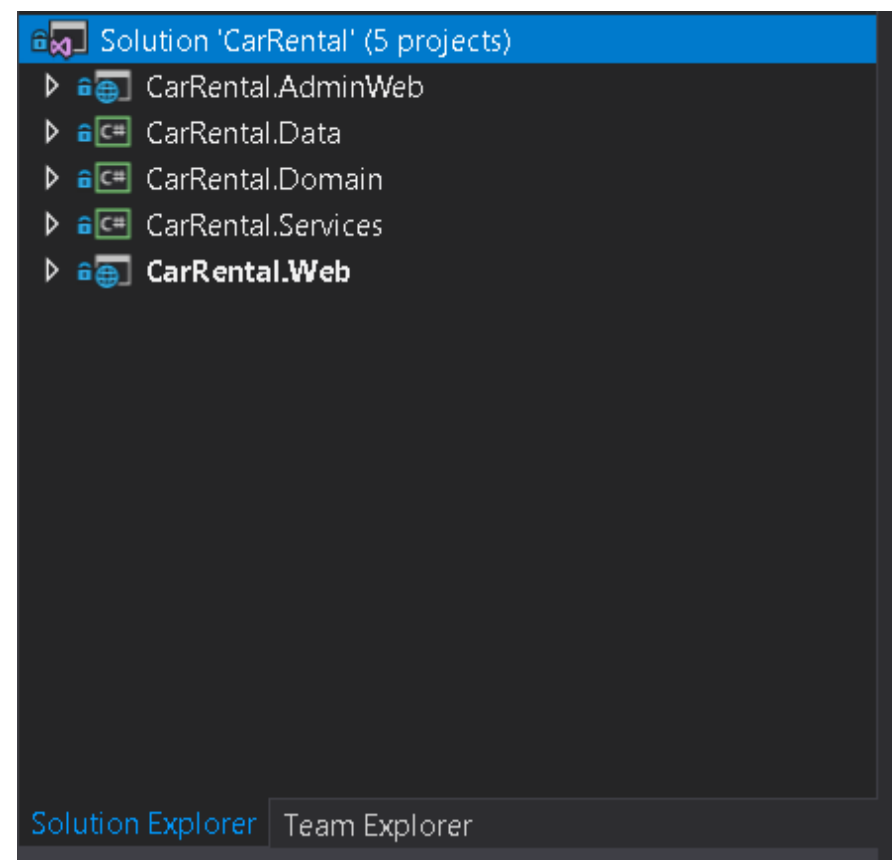
## SUMMARY

My project was to build a ASP.Net website from scratch based on separation of concerns. Separation of concerns is an important design for big projects, where more than one developer works on the same project since working on one part of project won't break the other parts. Also even if there are one developer working on the project SOC is still an important design pattern since you can update the parts with the new technology for example if a faster database technology is found you can replace your database without touching other parts of code.

In my project there were five separated parts. Two of them are .Net core projects based on MVC ASP.net, one for admin panel and one for users. Three of them are .Net standard libraries;

- Domain: Includes the domains of the project.
- Repository: Includes the queries to add or update a data from database for necessary domains.
- Services: The services that we need for a website as well as the data transfer objects(DTO) and converters from domain to Data Transfer Object.

Also with the help of my project I learned a lot about the work flow inside an automotive online market.



## COMPANY INFORMATION

### Arabam.com

- First built on 2000
- On 2016, iLabVentures Holding acquired the website
- Their aim is to buying and selling vehicles from the internet with more reliable, easier and more comfortable way.
- Also, arabam.com tries to improve the experience of its users with new functions every month.

### iLabVentures

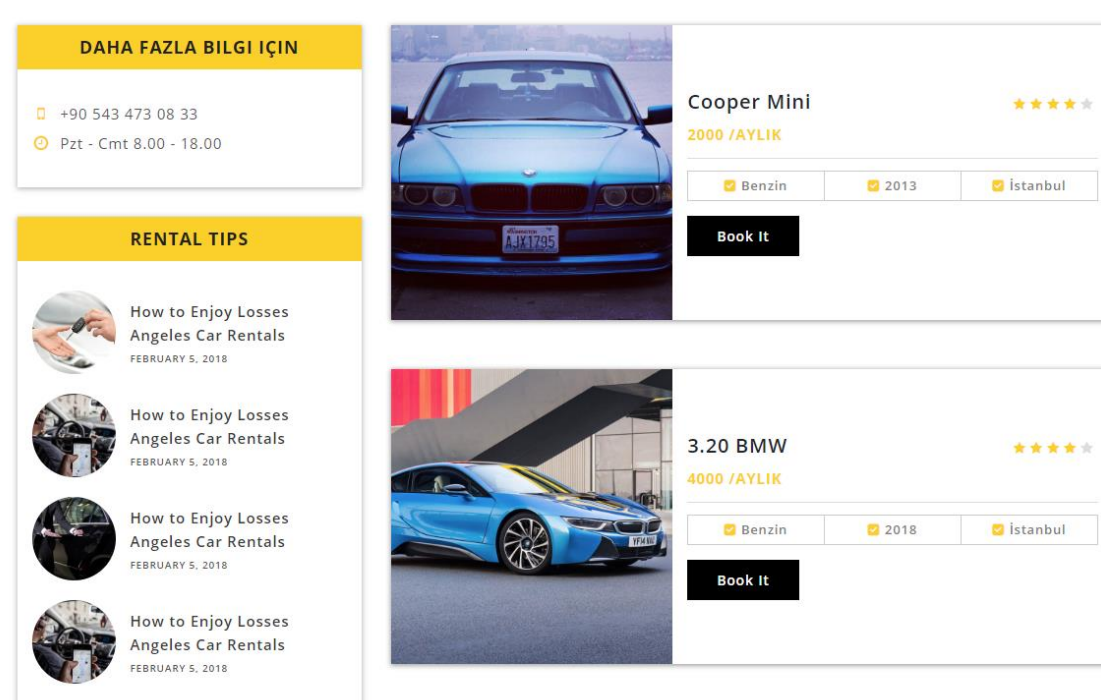
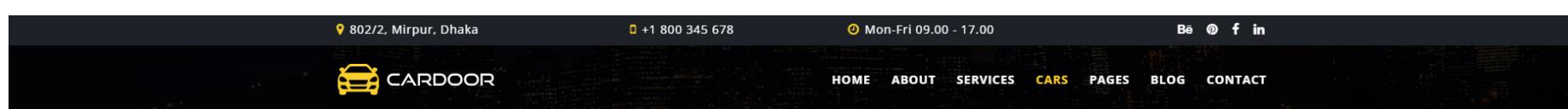
- Venture capital company that established on 2000 within Access Turkey Capital Group
- Their aim is to invest in companies and projects in sectors with high growth potential, focusing on internet and technology
- Now, has a strong position on the automotive vertical online market with arabam.com

## OBJECTIVES

- Develop ASP.Net project
- Learn C# and Design Patterns
- Learn Clean Code
- Bug fixing

## CONCLUSIONS

- Learned Design Pattern: Separation of Concerns
- Learned C# based on .Net Core and MVC design
- Fixing Bugs on Arabam.com



Faculty of Engineering and Natural Sciences  
Computer Science and Engineering

**Yunus Şamil YAVUZ**  
Project Advisor: Cemal YILMAZ



01-07-2019 - 29/08/2019

Sabancı  
Universitesi