Project Documentation

Vocational School of Computer Programming and Innovations

Project Cars

Participant:

Georgi Zhechev, [GTZhechev18@codingburgas.bg](mailto:GTZhechev18@codingburgas.bg)

Stefan Ganchev, SPGanchev18@codingburgas.bg

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# 1 Subject: Car information

# 2 Documentation

## 2.1 Title / cover page

PGKPI Burgas

# 3 Project name: Cars

Georgi Zhechev [GTZhechev18@codingburgas.bg](mailto:GTZhechev18@codingburgas.bg)

Stefan Ganchev, SPGanchev18@codingburgas.bg

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## 3.2 Short description of our project and objectives

The purpose of our project is to develop a program for managing car information. The user can enter mark, model, year, cubature, power and price of the vehicle.

When entering a new car, the program requires the user to enter the car’s identification. The program wants you to enter the car’s parameters. The system asks for brand, model, year, cubature, power and price, it is added to the end of the vector.

The program also lists all the cars. The Program searches by brand, by year and by price.

## 3.3 Diagram describing the menu

## 3.4 Basic functions description

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Arguments** | **Returned Value** |
| InputCAR(vector<CAR> & vec) | Enters a new car. The user can enter mark, model, year of production, cubature, Engine power and price of the vehicle. | * Vector of CARS | None |
| SortCAR(vector<CAR> & vec) | It sorts the cars according to their brands in alphabetical order. | * Vector of CARS | None |
| ViewCAR(vector<CAR> & vec) | It lists the vector elements. | * Vector of CARS | None |
| SearchCAR(vector<CAR> & vec) | It searches for all car in the vector according to specific criteria. | * Vector of CARS | None |
| DeleteCAR(vector<CAR> & vec) | It removes a car from the vector. | * Vector of CARS | None |