**EasyPark**

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The challenges associated with vehicle maintenance, such as a lack of parking spaces, carbon emissions, and a decline in quality of life, require intelligent solutions. These increase yearly due to the increase in the number of vehicles and the imbalance between the supply and demand of parking spaces. This project aims to deal with these challenges by developing an application to find and share parking spaces while providing a friendly user experience. The project aims to increase the supply of available parking spaces, optimize their use and increase competition in the market while allowing users to benefit from additional income.

**Keywords:** Sharing parking, Vehicle, User experience, Parking solutions, Supply and demand, Application, Additional income , Quality of life.