Project Proposal for UA3 Innovations

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Project Web Page URL:
https://ua3innovations.github.io/

Project Description:

The purpose of this project, Smart Public Transport Optimization for Ankara, is to employ artificial intelligence (AI) to increase the availability and effectiveness of public transportation in Ankara. The project's main goal is to create an intelligent system that will improve public transportation routes, schedules, and resource allocation in order to better serve Ankara's expanding urban population.

Our project will improve public transportation organizations' decision-making processes by leveraging AI, machine learning, and real-time data analytics. Additionally, this technology will take user preferences into account and give passengers real-time information, improving the convenience and dependability of public transit. Our goal is to significantly cut down on waiting times, traffic, and operating expenses by combining predictive analysis and intelligent algorithms.

We think that this project's completion will have a big impact on the growth of smart cities and the effectiveness of public transportation. Also, it will enable us to acquire essential skills in software engineering, embedded systems, data analytics, and artificial intelligence which will be crucial for our future employment. We have faith that we can accomplish the objectives listed in this proposal with the guidance of Saiful Islam and Müslim Bozyiğit.