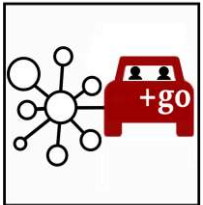


+GO: INTELLIGENT COMPLEMENTARY RIDE-SHARING SYSTEM

Research Area : E-Society

Team Name : CodeFlexers



Team Members

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Supervisor - Dr. Janaka Wijekoon

Co-Supervisor - Dr. Dharshana Kasthurirathna

Research Question

How can we find an effective solution to reduce traffic congestion during office hours in urban areas?

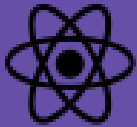
Our research will find solutions,

- To reduce the traffic congestion in urban area
- To reduce the car ownership cost (cost of fuel) for the journey by dividing it among other passengers
- To reduce environmental pollution.
- To build network between professionals.

[Link to our initial survey](#)

Technology Stack

Front End: React Native



Cloud Service



Back End: Python



Research Components

User Profile Management

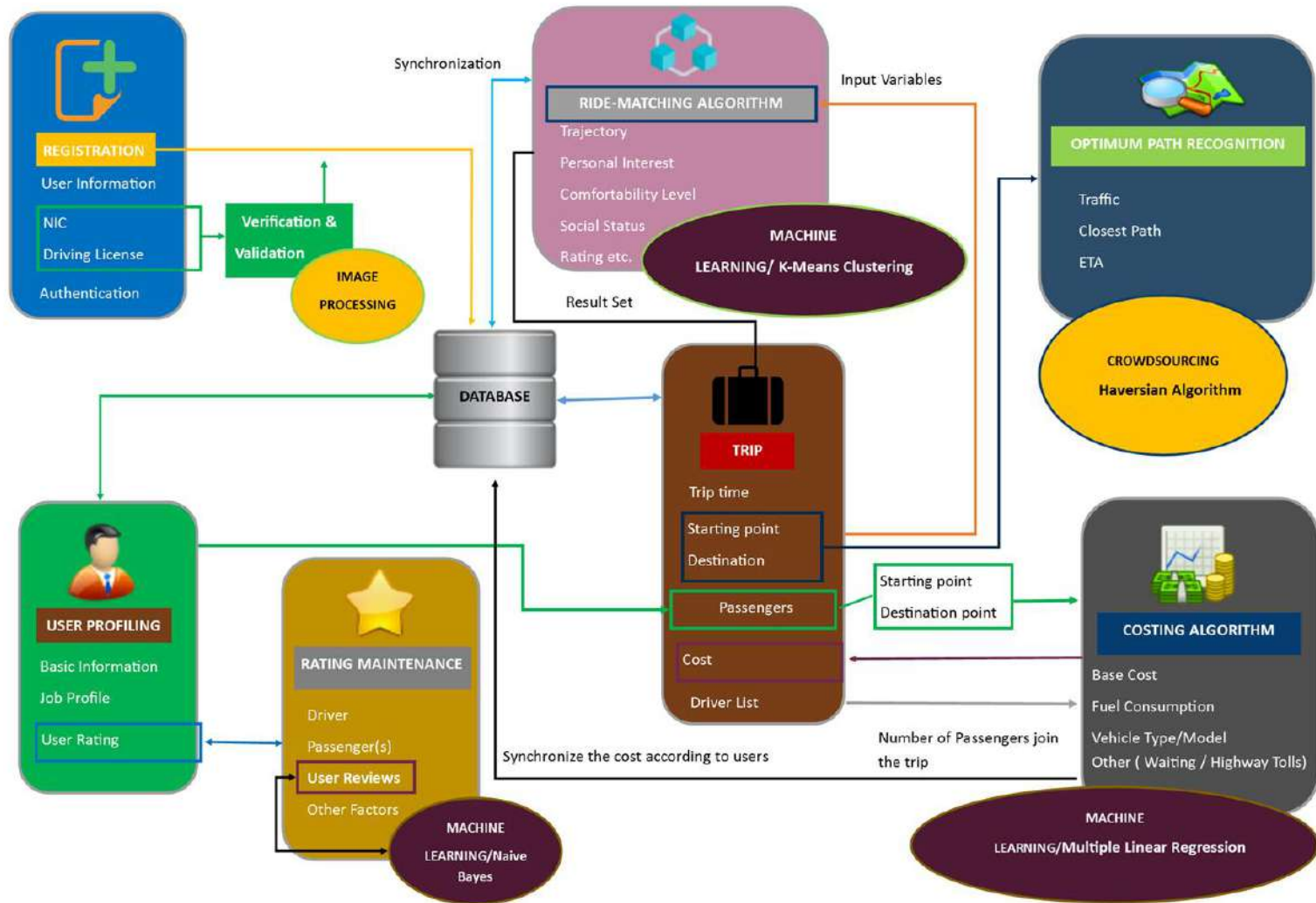
User profiling based on interest of user, trajectory, driver ratings, social status etc.

Document validation and Profile rating maintenance

Optimum path recognition and Fraud detection

Cost Calculation

High Level System Diagram



References

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