

Honors Research Project Proposal

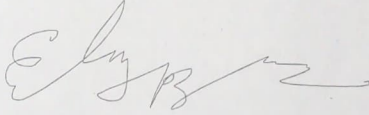
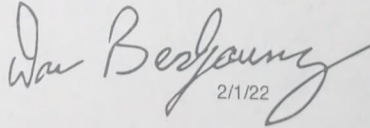
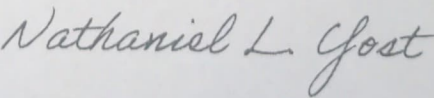
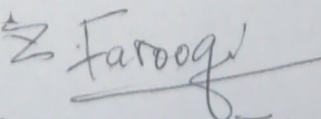
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Title of Proposed Project: Vehicle Maintenance Tracking Program	
Major: Computer Information Systems: Programm	Graduation (semester/year): Fall/2022

Please include a brief (maximum 200 words) summary of your proposed project

In order to help consumers and businesses keep track of vehicle maintenance, I will create a program paired with a database that can track vehicle maintenance needs and when they should be performed. The program will be capable of tracking entire fleets of vehicles and based on the vehicle's mileage, will notify users of what maintenance should be performed. Users will be able to add, remove, and edit vehicles in the system as needed and each vehicle will be paired with a maintenance schedule based on its needs. As maintenance is performed, it can be tracked on the schedule, which will account for any maintenance performed early or due to other circumstances. Lastly, users will be able to search for individual or groups of vehicles by their make, model, year, etc. to prevent having to scroll through every vehicle in the fleet. This system will benefit users by improving the reliability and uptime of their vehicles and by reducing long term maintenance cost by avoiding unneeded work and issues from missed maintenance. Another benefit will be the more consistent maintenance scheduling and costs achieved by regularly checking on vehicles.

Approval:

Honors Course No.: 2440:451:801	No. of Project Credits: 3
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Your approved cover sheet and proposal must be submitted to the Williams Honors College through [IdeaExchange](#)