

PROJECT NAME	CYCLE SOCIAL		
TEAM MEMBERS	James Austin Jr, Blake Del Rey, Isabel Guzman, Jacob Sunia, Naeun Yu		
EST. START DATE	September 2021	EST. FINISH DATE	May 2021
PROJECT LEADER	James Austin Jr.	TEAM NAME	The New Panelists

PROJECT OVERVIEW	CYCLE SOCIAL is a motorcyclist-centric application that promotes community and education for new motorcyclists, experienced motorcyclists, or people who are simply curious about the motorcycle scene. The product is catered to motorcyclists, but we will not exclude non-motorcyclists from registering an account so that everyone can use community and marketplace features. Although we are aware that this idea can be extrapolated to a larger audience, it is best to accommodate a niche community to provide more specialized data. The part selection and compatibility requirements contribute to a comprehensive marketplace allowing users to virtually build motorcycles from the ground up; and community features include motorcycle build/specs descriptions, meetup events, and comment and rating sections.
MAIN GOALS	Our proposed product is a motor-vehicle community-based software where people of all levels of experience are able to share or virtually build a listed version of a modded vehicle breaking down compatible, non-compatible, and potentially compatible parts. Each posted build by members of the community will have a run-down list of prices, modded parts, and the base type of the vehicle allowing for others to replicate or stem off of the build itself. This application is a great tool for expanding the community of motor vehicles and educating people on what they can do to create a unique project of their own.
VALUE OF PRODUCT	CYCLE SOCIAL is something unique that has not been exposed to the open market and there currently exists no place on the internet that allows motorized vehicle enthusiasts to identify, find, and piece together comparable/compatible motorcycle parts at the cheapest price as well as publicize their opinions and builds. Our application offers a breakdown list of parts where people can look for different price points, best bang-for-your-buck, or part compatibility (all based on community input via warning and rating systems).
INVESTMENT VALUE	Our product conveniently enables users to compile motorcycle builds, so having large companies and small businesses invest in our product would allow our shared market to improve pricing comparisons.
INTENDED AUDIENCE	The intended audience is meant for all people from novices to experts as motorcyclists can share events and provide information on their builds (modifications and parts). Ultimately the community will help shape our application into our proposed main goal as new information on parts will be satisfied with build showcases.
WHAT MAKES US DIFFERENT?	This web application is something unique that has not been exposed to the open market and there currently exists no place on the internet that allows motorized vehicle enthusiasts to identify, find, and piece together comparable/compatible motorcycle parts at the cheapest price as well as publicize their opinions and builds. Our project can withstand the market and will be able to hold up because others will not be able to implement the compatibility feature that we are proposing. It is easy for someone to trace the location of original car parts but there currently exists no software where a user will be able to check different prices in one location.
INFORMATION GATHERING	Web Scraping (temporary) CarMD API - https://www.carmd.com/api/ (Tech Proposal Required) Amazon Services LLC Associates Program - https://affiliate-program.amazon.com/
UNIQUE FEATURE IMPLEMENTATION	A warning system marker will be implemented to notify users that a specific part in their selection has been used in the past but does not mean a part is 100% compatible on the motorcycle (some models are shaped differently). Unless the motorcycle build is based on a previous company build and the part selected was installed by the company in previous models then the warning will be labeled differently than if the part was not previously installed at all.
COUNTERING FALSE WARNINGS	Warnings do not restrict the user from keeping the part in their selection, however, to add credibility to the warning we can include the number of users that flagged the part, the type of bike the users tried the part with (possibly links to their project posts if they exist), and the rating system can present a level of satisfaction in the product.