We opted to use a web-based application for our electric scooter software system. The majority of large retail companies have a website to increase the reach of the product they are trying to push. This would give CityHire an even better chance at competing with other firms as a website is relatively easy for anyone to access without the need of any download. These factors should help increase CityHire’s revenue.

Our website will utilise the flask web application framework as it will allow us to develop a structured, secure, and attractive website. Flask also allows for straightforward integration with a database which can be linked to forms on the website so user input can be taken from the website and stored. This is ideal for account information as it allows for details to be validated to allow for users to sign in. Details on every scooter will be stored allowing for users to see which scooters they can rent and for employees to see who and where scooters have been rented.

Another benefit of a web-based application is the possibility for it to be developed into a mobile application in the future. This would further push the service to a broader audience, helping to increase revenue. Current users would also benefit as they would be able to rent scooters while out and about straight from their mobile phone.