Product Evaluation

Evaluation Criteria

The desired software application platform is subjective to the product with the best features equipped for both future customers and the companies services. Included below is a scoring technique developed to describe a distinct set of specifications to be measured against each of the following software application features. Each of the features are placed within a specific category assessing its importance to the process. Based on the information defined by the Acceptance Criteria, the chart will be used to formulate a decision on which software management solution will be used and defined within the project process. Based on the final selection, the proper supported hardware (Electric Scooter) will be evaluated and defined as well.

Software Management Application Criteria Scores			
Technical Performance Requirements (40%)	Quality Control (30%)	Custom Requirements (20%)	Product Resources (10%)
API Accessibility	24/7 Customer Support	Custom Pricing Plan	Analytics
Scalability	Cost	White-Labeling Accepted	Automated Messages
Hardware Integration	Access Delivery Method	Simplified Maintenance	Platform Applications
Android/IOS	Security	Other Acceptable Devices	
Platform Availability	Product Reviews		
	Testability		

Based on the final selection, the proper supported hardware (Electric Scooter) will be evaluated and selected as well.

Electronic Scooter Criteria Scores			
Technical Performance Requirements (40%)	Quality Control (30%)	Custom Requirements (20%)	Product Resources (10%)
Software Supported	Additional Security Required	White-Labeling Accepted	Battery Life
Hardware Support	Product Reviews		Speed

Product Short List

Software Management Solutions:
- ACTON
- Joyride
- OMNI
- Lattis

Electronic Scooter Solutions:
- FREELY
- Segway
- Okai
- OMNI
- ACTON
- AXA

Vendor Response

The following section will consist of adhering to different aspects of each product provided by the vendor containing but not limited to product, limitations, testability, integration capabilities, additional information given the concept provided by the project manager, etc.

Software Management Solutions	Vendor Response	Details
ACTON	Yes	- https://app.luminpdf.com/viewer/60e222a061482c00127860c1
Joyride	Yes	- Joyride-Micromobility-Hardware-Guide-2021.pdf - Joyride-ebook-launching-a-scooter-share.pdf
OMNI	No	
Lattis	Yes	

Product Evaluation

ACTON	Technical Performance Requirements		Quality Control		Custom Requirements		Product Resources		Total
	API Accessibility	8	24/7 Customer Support	-	Custom Pricing Plan	-	Analytics	3.3	
	Scalability	8	Cost	-	White-Labeling Accepted	4	Automated Messages	-	
	Hardware Integration	8	Access Delivery Method	5	Simplified Maintenance	4	Platform Applications	3.4	
	Android/iOS	8	Security	5	Other Acceptable Devices	4			
	Platform Availability	8	Product Reviews	-					
Total		40		10		12		6.7	68.7

Joyride	Technical Performance Requirements		Quality Control		Custom Requirements		Product Resources		Total
	API Accessibility	8	24/7 Customer Support	5	Custom Pricing Plan	4	Analytics	3.3	
	Scalability	8	Cost	4	White-Labeling Accepted	4	Automated Messages	-	
	Hardware Integration	8	Access Delivery Method	5	Simplified Maintenance	-	Platform Applications	3.4	
	Android/iOS	8	Security	-	Other Acceptable Devices	4			
	Platform Availability	8	Product Reviews	-					
Total		40		13		12		6.7	71.7

OMNI	Technical Performance Requirements		Quality Control		Custom Requirements		Product Resources		Total
	API Accessibility	4	24/7 Customer Support	3	Custom Pricing Plan	-	Analytics	3.3	
	Scalability	8	Cost	3	White-Labeling Accepted	0	Automated Messages	-	
	Hardware Integration	8	Access Delivery Method	5	Simplified Maintenance	0	Platform Applications	1	
	Android/iOS	8	Security	5	Other Acceptable Devices	1			

	Technical Performance Requirements		Quality Control		Custom Requirements		Product Resources		Total
	Platform Availability	8	Product Reviews	-					
Total		36		16		1		4.3	57.3

	Technical Performance Requirements		Quality Control		Custom Requirements		Product Resources		Total
Lattis	API Accessibility	8	24/7 Customer Support	-	Custom Pricing Plan	4	Analytics	3.3	
	Scalability	8	Cost	-	White-Labeling Accepted	-	Automated Messages	-	
	Hardware Integration	8	Access Delivery Method	5	Simplified Maintenance	-	Platform Applications	3.4	
	Android/iOS	8	Security	5	Other Acceptable Devices	4			
	Platform Availability	8	Product Reviews	-					
Total		40		10		8		6.7	64.7

Final Selection

The following decision is an accumulation of evaluating the different aspects and software specifications provided by each of the software applications. There is information that has yet to be determined and/or unavailable by each of the different solutions. Although this information should be available in due time, a decision needs to be made as soon as possible. So the final selection will be made with the information that is currently available. If in fact new information becomes available and the remaining of the project is not faulted by a new decision, the appropriate solution will be replaced, and the project will continue.

ACTON   The cost parameters although undetermined at the current date for ACTON, given the cost of a few of the products within their production is expected to be out of range. If this assumption is incorrect, ACTON appears to have one of the better solutions provided out of the four. Hardware compatibility is a concerning factor due to the price of the mobility products provided by the company. If the software is compatible with other acceptable devices that fit the small list of requirements for such services and cost effective to the business model than ACTON would be reconsidered at a later date. For that reason, an alternative detailed cost benefit analysis will also be considered to be documented in the business case at a later date.

Joyride   Joyride is equipped with all of the fundamental features while having scored the highest and priced at a reasonable rate for a scaling business. Joyride is not equipped with a simplified maintenance feature that would be beneficial for such services, this solution is most definitely one of the better solutions to choose from. Hardware compatibility is a concerning factor due to the number of acceptable devices Joyride is compliant with. If the software is compatible with other acceptable devices that fit the small list of requirements for such services and cost effective to the business model than Joyride shall be considered as the top candidate. The following documentation will be conducted utilizing the nature and product produced by Joyride.

OMNI   Immediately due to the lack of location availability provided by the OMNI software, this particular solution will be ruled out.

Lattis   The last solution has been closely evaluated alongside Joyride, Lattis is also equipped with all of the fundamental features while being scored slightly less that Joyride. Unfortunately, with Lattis, there are a few perks that affect potential branding possibilities down the road that should be taken into consideration. Without the absence of this feature, the two are neck and neck. But due to the absence of this feature, Lattis will be retain its position right below Joyride.