Lab 3 - BetterSwipe Prototype Test Plan

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1. Objective

The purpose of this test plan is to ensure the approach to developing and testing the BetterSwipe prototype can lead to a successful demonstration of the BetterSwipe product's operation. BetterSwipe will be a web application that can be accessed from any device that has a modern web browser and web connectivity. BetterSwipe will allow users to easily find rewards credit cards that will yield them the greatest rewards based on their spending habits, and provide guidance on where to use those rewards. The procedures described in this document will be used to verify the stable and accurate operation of the BetterSwipe prototype. (O: Cody)

2.   References

Team Blue. (2023, December 1). Lab 1 - BetterSwip Product Description. Retrieved March 25,

2024, from https://www.cs.odu.edu/~411blue/lab1.html

Team Blue. (2024, March 10). Lab 2 - BetterSwip Prototype Product Specification. Retrieved

March 25, 2024, from https://www.cs.odu.edu/~411blue/lab2.html

3. Test Procedures

Section 3 of this document will outline the testing procedures utilized to validate the functionalities of the BetterSwipe Prototype.

3.1. User Interfaces Test Category

3.1.1. *Navigation bar Test*

3.1.2. *Landing Page Test*

3.1.3. *Sign in Screen Test*

3.1.4. **Registration Screen Test**

3.2. Algorithms Test Category

3.2.1. *Statement Upload Test*

3.2.2. *Report History Test*

3.2.3. *Card Recommendation Test*

3.2.4. *Continuous Monitoring Test*

3.2.5. *Future Purchases Test*

Requirements	3.1.1 Navigation bar test	3.1.2 Landing page test	3.1.3 Sign in screen test	3.1.4 Registration screen test	3.2.1 Statement upload test	3.2.2 Report history test	3.2.3 Card recommendation test	3.2.4 Continuous monitoring test	3.2.5 Future purchases test
3.1.1.1 Landing page		✅							
3.1.1.2 Navigation bar	✅								
3.1.1.3 Account creation				✅					
3.1.1.4 Authentication			✅						
3.1.1.5 History of reports						✅			
3.1.2.1 Statement upload					✅			✅	
3.1.2.2 Expenditure categorization					✅				
3.1.3.1 Card recommendations							✅		
3.1.3.2 Card comparisons							✅		
3.1.4.1 Savings predictions								✅	
3.1.4.2 Future purchase recommendation									✅

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