

FitCheck

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User Stories

User-Facing Stories:

User Onboarding & Survey

As a new user, I want to complete a personality and preference survey so that the extension can tailor product recommendations to my tastes.

Purchase Tracking & Feedback

As a user, I want the extension to automatically track my online purchases so that I receive timely requests for reviews and feedback on products.

Budget Setting and Monitoring

As a user, I want to set a weekly budget or allowance so that I can track my spending habits and avoid overspending.

Review Collection and Analysis

As a user, I want to leave reviews for products so that the system refines future recommendations based on my feedback.

CSV Export Feature

As a user, I want the ability to export my weekly purchase history to a CSV file so that I can analyze my spending habits outside of the extension.

Technical/Supporting Stories:

ML Integration for Recommendations

As a developer, I want to integrate a lightweight ML model (using TensorFlow.js or Scikit-learn) into the extension so that product recommendations improve over time based on user reviews and purchase data.

Backend Service for Data Processing

As a backend developer, I want to build an API (using Go) to efficiently process purchase and review data so that the extension can quickly provide updated recommendations.

Authentication & Data Storage

As a user, I want secure authentication (using Firebase or Supabase) so that my personal data is protected and easily accessible across devices.

As a developer, I want to set up a reliable database (using Firestore or PostgreSQL) so that all user data is stored efficiently and can scale with the user base.

User Story	Story Points
User Onboarding and Survey	1.5
Purchase Tracking and Feedback	3
Budget Setting and Monitoring	2
Review Collection and Analysis	2
CSV Export Feature	1
ML Integration for Recommendations	3
Backend Service for Data Processing	2
Authentication and Data Storage	1
Chrome Extension Setting up and connecting	2

First Iteration:

User Story	Total Points	Members
Chrome Extension	2	Baljinder
Authentication and Data Storage	1	Anas
Backend Service for Data Processing	2	Anas(1 point) & Tahsina(1 point)
User Onboarding and Survey	1.5	Nirath
Purchase Tracking and Feedback	3	Mohammed(2 points) Tahsina(1 point)
CSV Export Feature	1	Nirath

Second Iteration:

User Story	Total Points	Members
Chrome Extension and Integration	2	Baljinder
ML Model	3	Anas & Nirath
Backend Service for Data Processing	2	Anas(1 point) & Tahsina(1 point)
User Onboarding and Survey	1.5	Nirath(1 point) & Anas(0.5 points)
Purchase Tracking and Feedback	3	Mohammed(2 points) Tahsina(1 point)