

# ***Product Backlog***

## **Feature 1: Marketplace for Electronics**

- **Description:** A platform for buyers to browse and search for electronics, with features such as filtering by category, price, and condition.
- **User Story:** As a buyer, I want to browse and search for electronics easily, so that I can find and purchase tech products.
- **Priority:** High
- **Acceptance Criteria:**
  - Users can filter by category, price, condition, etc.
  - Integration of a shopping cart and purchase workflow.
- **Effort Estimate:** Large (8-12 days)
- **Dependencies:** None

## **Feature 2: Visual Sales Analytics for Sellers**

- **Description:** A dashboard for sellers to view graphical reports of their sales data, with features such as real-time sales tracking and filtering options by time frame.
- **User Story:** As a seller, I want to see graphical reports of my sales data so that I can optimize my selling strategy.
- **Priority:** High
- **Acceptance Criteria:**
  - Detailed sales dashboard with visual graphs and data export options.
  - Real-time sales tracking with filtering options by time frame.
- **Effort Estimate:** Medium (4-6 days)
- **Dependencies:** Feature 1 (Marketplace for Electronics)

## **Feature 3: Tech Recycling Program Integration**

- **Description:** A feature that allows users to recycle their old tech items responsibly, with integration with a third-party service.
- **User Story:** As a user, I want to recycle my old tech items responsibly so that I can contribute to sustainability.

- **Priority:** Medium
- **Acceptance Criteria:**
  - Recycling feature integrated with a third-party service.
  - Notifications/reminders for recycling options.
- **Effort Estimate:** Medium (4-6 days)
- **Dependencies:** None

#### **Feature 4: Community Hub for Discussions**

- **Description:** A platform for users to engage in discussions and forums, with features such as posting, commenting, and liking posts.
- **User Story:** As a community member, I want to engage with other users in discussions and forums so that I can share knowledge and ask for advice.
- **Priority:** Medium
- **Acceptance Criteria:**
  - Functional forums with categories and user moderation tools.
  - Users can post, comment, and like posts.
- **Effort Estimate:** Medium (4-6 days)
- **Dependencies:** None

#### **Feature 5: Product Condition Report**

- **Description:** A feature that allows buyers to view a detailed condition report for used electronics, with features such as seller input and buyer viewing.
- **User Story:** As a buyer, I want to view a detailed condition report for used electronics so that I can make informed purchasing decisions.
- **Priority:** High
- **Acceptance Criteria:**
  - Sellers must input detailed condition data for every listed item.
  - Buyers can view the condition report before making a purchase.
- **Effort Estimate:** Medium (4-6 days)
- **Dependencies:** Feature 1 (Marketplace for Electronics)

#### **Feature 6: Price Comparison Tool**

- **Description:** A feature that allows buyers to compare prices of similar products from different sellers, with features such as price comparison engine and clear display of price differences.

- **User Story:** As a buyer, I want to compare the prices of similar products from different sellers so that I can find the best deal.
- **Priority:** High
- **Acceptance Criteria:**
  - Price comparison engine that suggests similar items.
  - Clear display of price differences and seller details.
- **Effort Estimate:** Large (8-12 days)
- **Dependencies:** Feature 1 (Marketplace for Electronics)