**Project Proposal**

**পুনরাবৃত্তি**

CSE300 – Software Engineering

19CSE059, 19CSE060, 19CSE061, 19CSE062, 18CSE068

**Introduction**

In an era marked by environmental consciousness, the need for sustainable practices is more significa nt than ever. The ‘পুনরাবৃত্তি’ project aims to contribute to Bangladesh by creating an online platform that facilitates the buying and selling of reusable products. This platform will serve as a marketplace for individuals to exchange second-hand items, promoting a circular economy and reducing waste and will be helpful for everyone to buy their important needs in reasonable price

**Objective**

The primary objective of the ‘পুনরাবৃত্তি’ project is to establish an accessible and user-friendly online marketplace for reusable products in Bangladesh. By fostering a community committed to sustainability, the project seeks to encourage the reuse of items, ultimately contributing to a reduction in overall resource consumption and environmental impact.

**Target Users**

* **Individual Sellers**: People who want to declutter their homes and contribute to sustainability by selling items they no longer need.
* **Eco-conscious Buyers**: Individuals looking for affordable, high-quality reusable products.
* **Environmental Advocates**: Organizations and individuals dedicated to promoting a cicular economy and reducing waste

**Application features and Description**

* **User profiles**: User can create profiles, make carts, track purchases
* **Product Questionaries:**  
  Customer can comments their any question about the product in products
* questionaries section of each product  
    
  **Secure Transections**:   
  A secure payment system to facilitate seamless and trustworthy transections
* **Rating and Reviews**:  
  A rating and reviews system to build trust and credibility
* **Responsiveness**:  
  Ensure the paltform is accessible and user-friendly across various devices

**Technologies:**

**Front-end**: Html,Css

**Back-end**: Nodejs, Expressjs

**Database**: Mongodb

**Team role:**

**UI/UX design:** Md Abu Bakar Siddik (19CSE060)

**Front-end:** Md Abu Bakar Siddik (19CSE060)

Farzana Akther Rishita (19CSE062)

**Back-end:** Shimul Zahan (19CSE061)

Mushfiqur Rahman Rohan(19CSE059]

**Data collection:** Tafhimul Hasan Sajib (18CSE068)

**Database :** Mushfiqur Rahman Rohan(19CSE059)