EXPERIENTIAL learning factory

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# BANKING SYSTEM Application Development

ELF / HTD Training Programs

Full Stack - Use Cases

TESTYANTRA Software Solutions

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# 1. INTRODUCTION

This document outlines the Project. The project is to develop a Banking System (OBS). This document contains the work flow of the system and gives guidelines on how to build the functionality gradually in each of the course modules.

## 1.1 Instructions

- The code modules in the mini project should follow all the coding standards.
- You can refer to your course material
- The total time required to complete this project is 50 hrs.
- Since this project work will span over couple of months, you will need to take care of maintaining the code

# 2. PROBLEM STATEMENT

The banking industry is witnessing a revolution in products, process, markets and regulations. And It's a revolution that is not about to stop or even slow down. Since the only option is to adapt and evolve, it is essential that system have the flexibility to quickly adjust the need of today's financial market. It's a tough challenge. Because today's fast-moving marketplace is also extremely competitive. Moreover, the need to retain existing customers and attract new ones often conflicts with the need to reduce costs and improve the efficiency. But whatever the challenges facing in retail banking operation, Online Banking System - OBS can help to meet and overcome them.

## 2.1 Objective

### 2.1.1 General Objective

To automate the process of Banking Maintenance System through Online and hence minimize errors resulting from manual system operations.

### 2.2 Abstract of the Project

This project is aimed at developing an Online Banking Application System (OBS) for Account holders and Bank Admin. Banking allows account holders to view mini/detailed statements and do fund transfer. It allows the bank admin to create account and view all transactions on a secure website

# 3. IMPLEMENTATION

### 3.1 Functional Requirements

Following is a list of functionalities of the system. Wherever, the description of functionality is not adequate, you can make appropriate assumptions and proceed. There are two types of users who would access the system viz. Account Holder and Bank administrator. Each one of them would have some exclusive privileges as follows.

1. Account holders
   - Login into the system using his/her credentials.
   - Viewing /Detailed statement of all the accounts (Multiple accounts, if any can be viewed)
   - Request for change in communication address/mobile number for bank

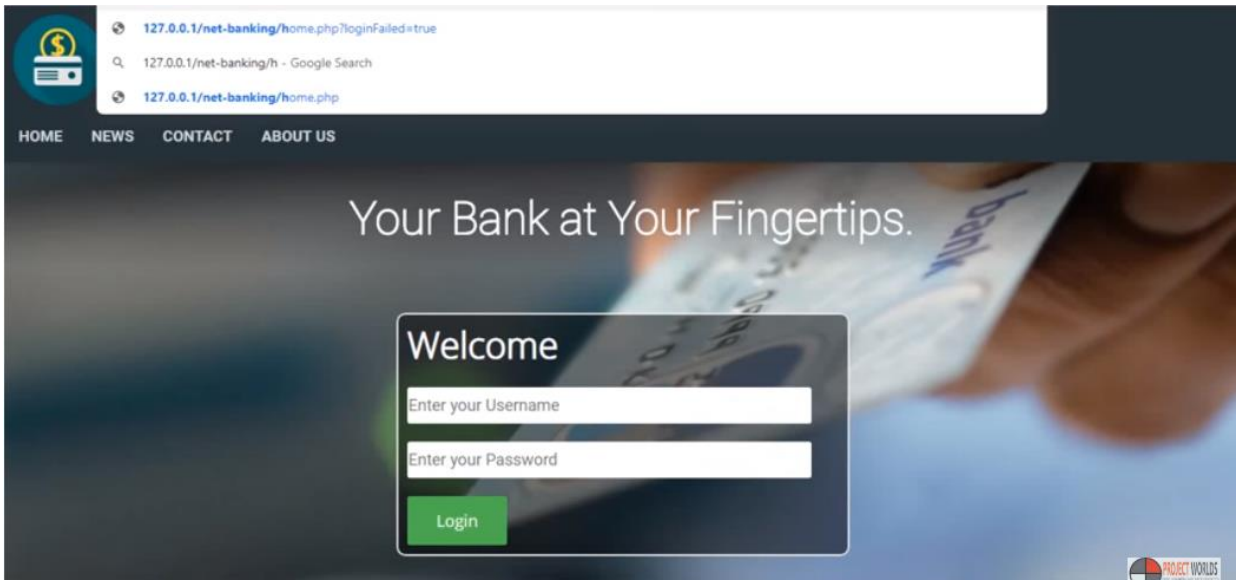
account
- Request for cheque book
- Track service request
- Fund Transfer
- Change password

2. Bank Admin

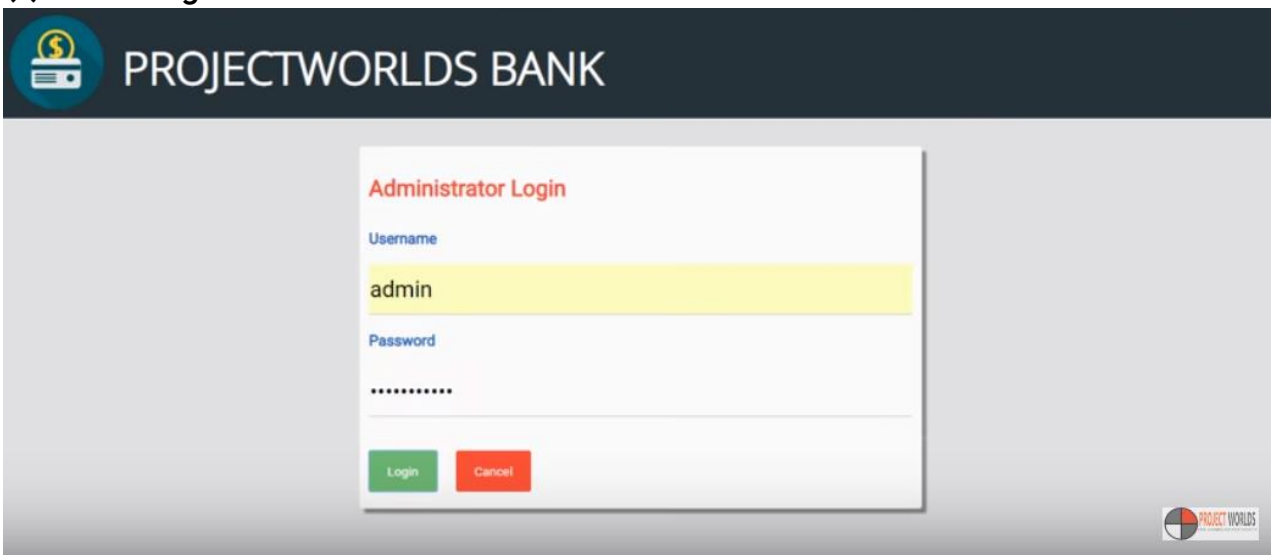
•A set of administrators are assigned for managing the system. An admin has been assigned a set of privileges to manage the system. An admin can perform the following functionalities:
- Create a new Account upon request.
- Can view the reports of overall transactions on daily/monthly/quarterly/yearly basis.

## 4. System implementation

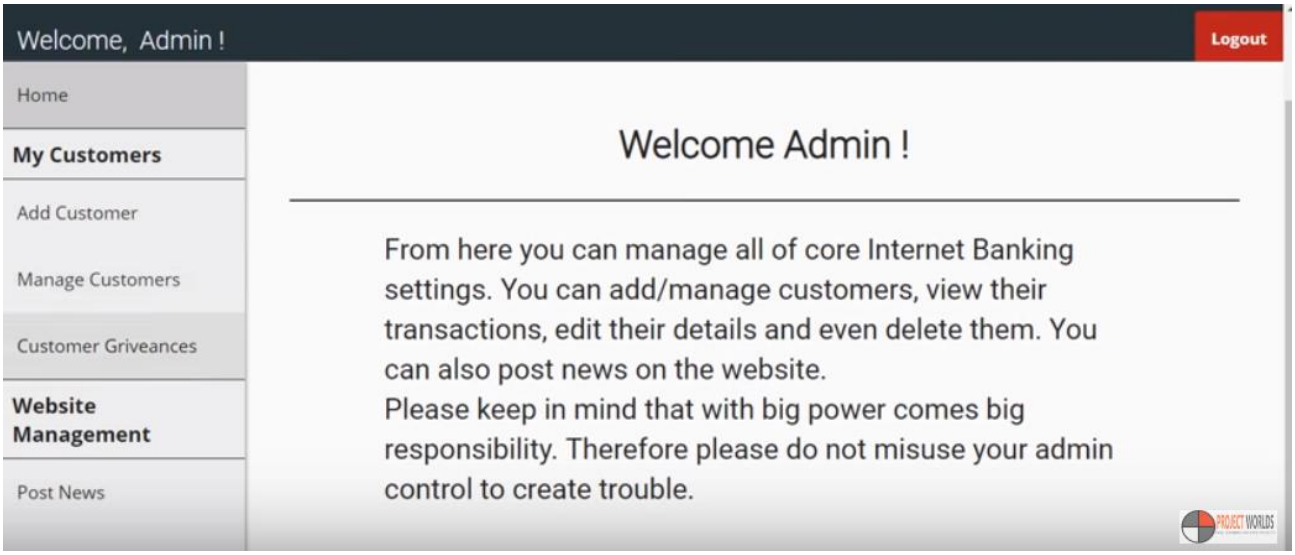
(i) Welcome Page:



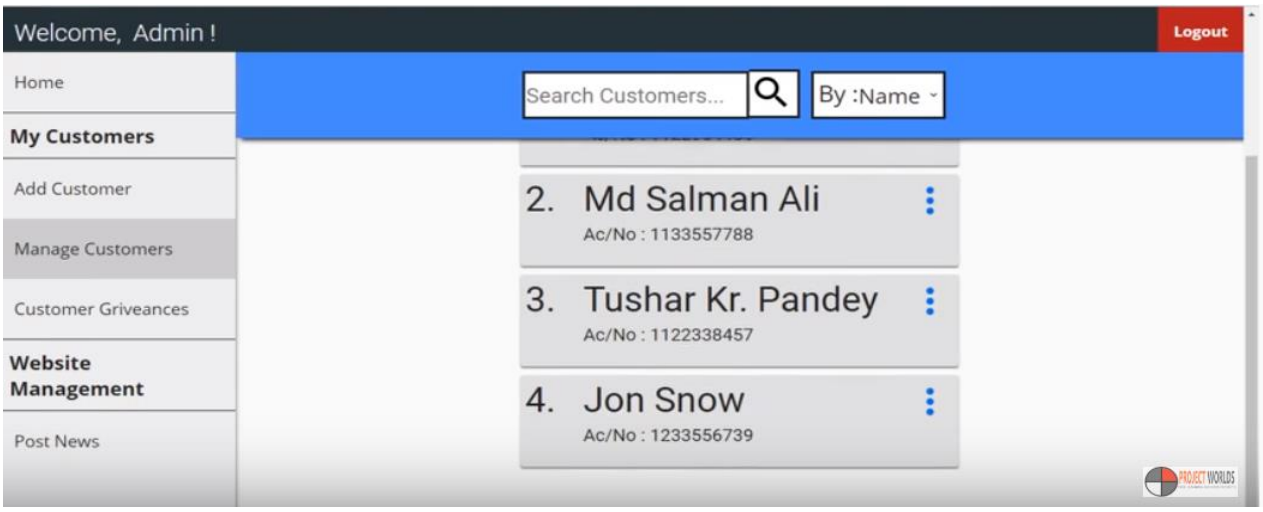
(ii) Admin Login:



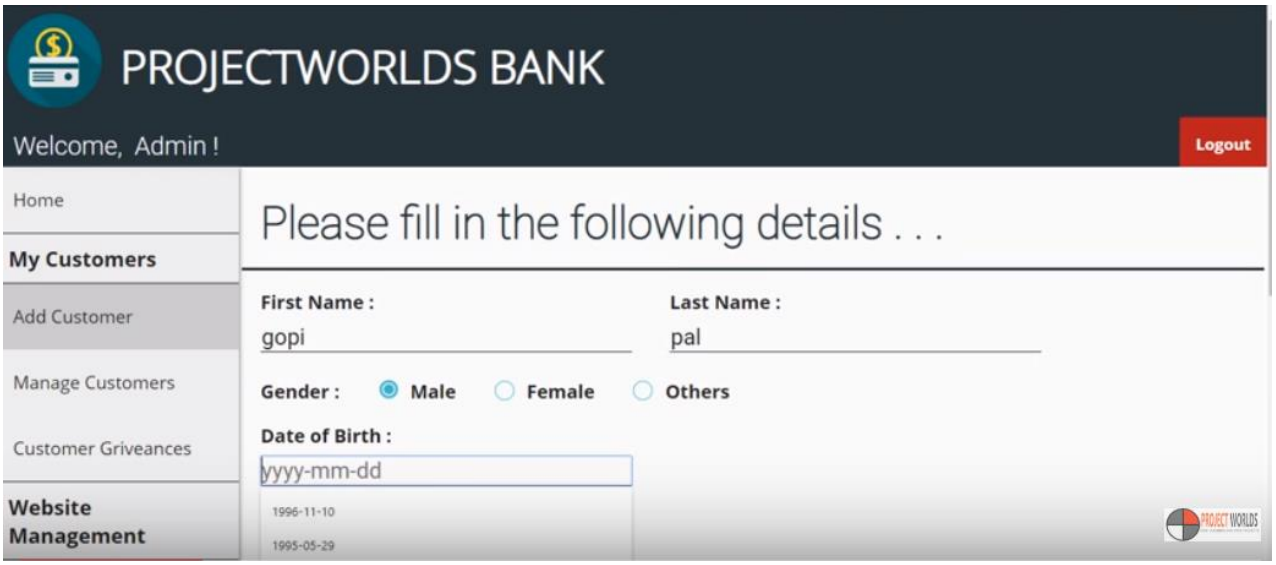

(iii) Admin Welcome Page:



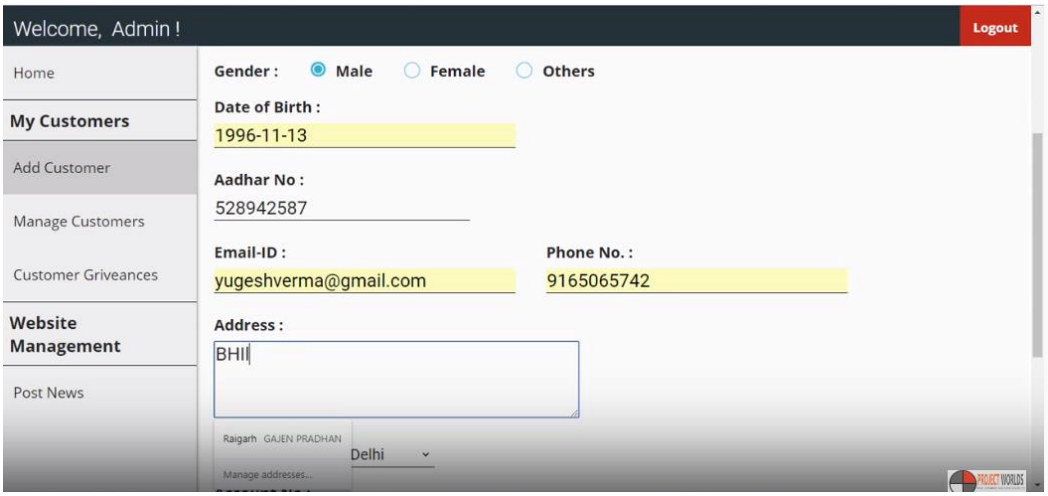

(iv) My Customers:

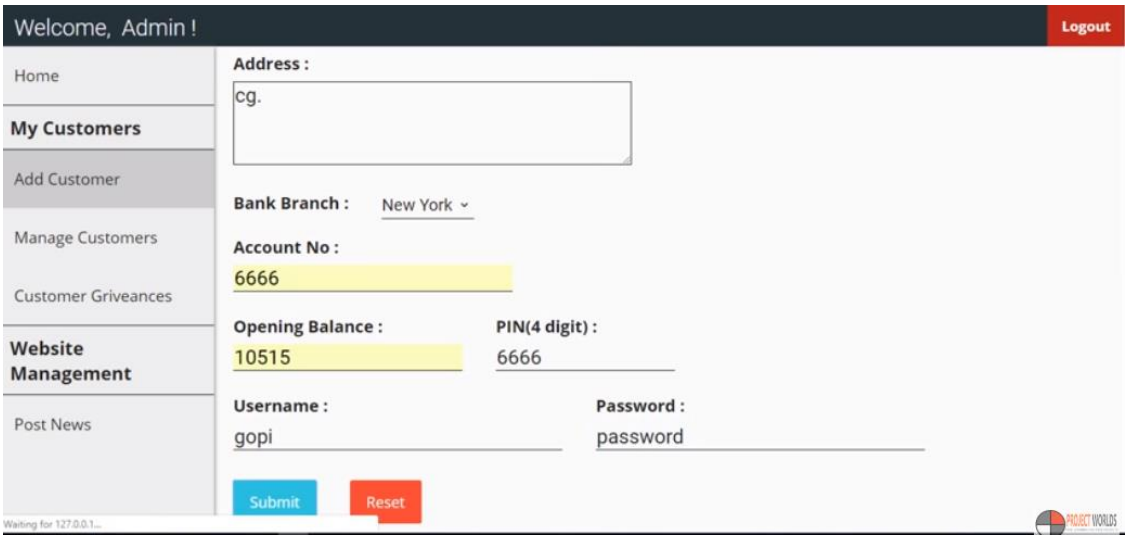


## (v) Add Customer:

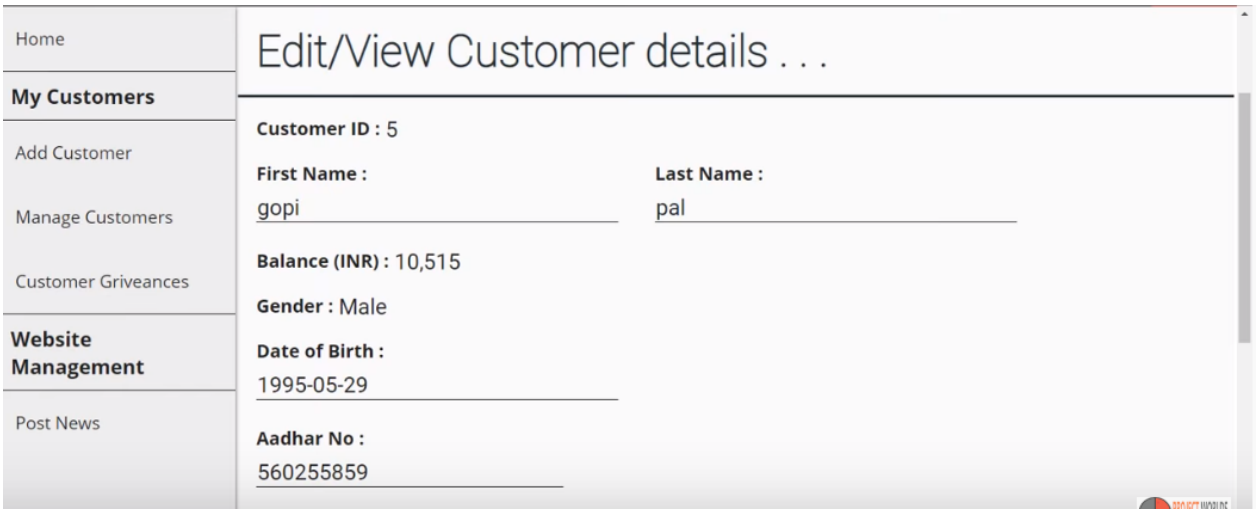


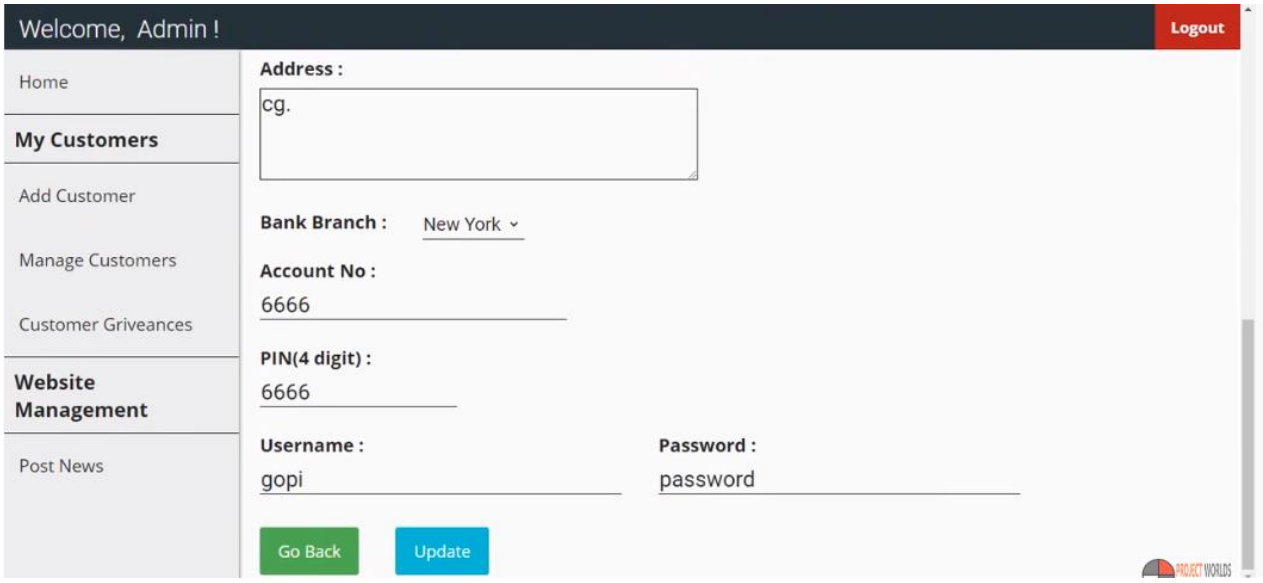

## (1) Customer Details



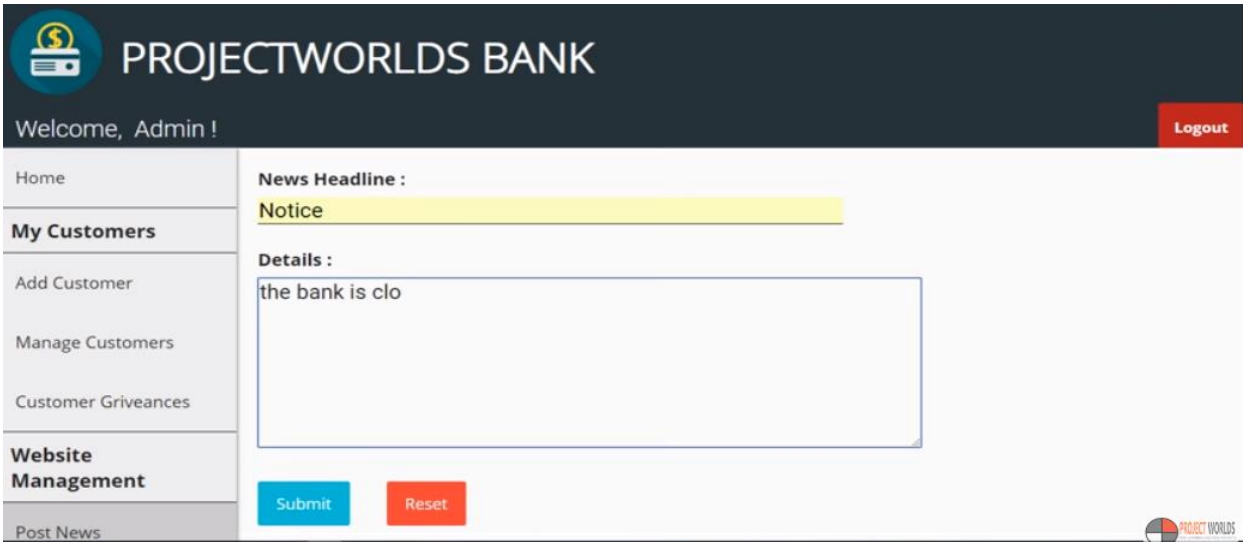



## (vi) Edit and Update:

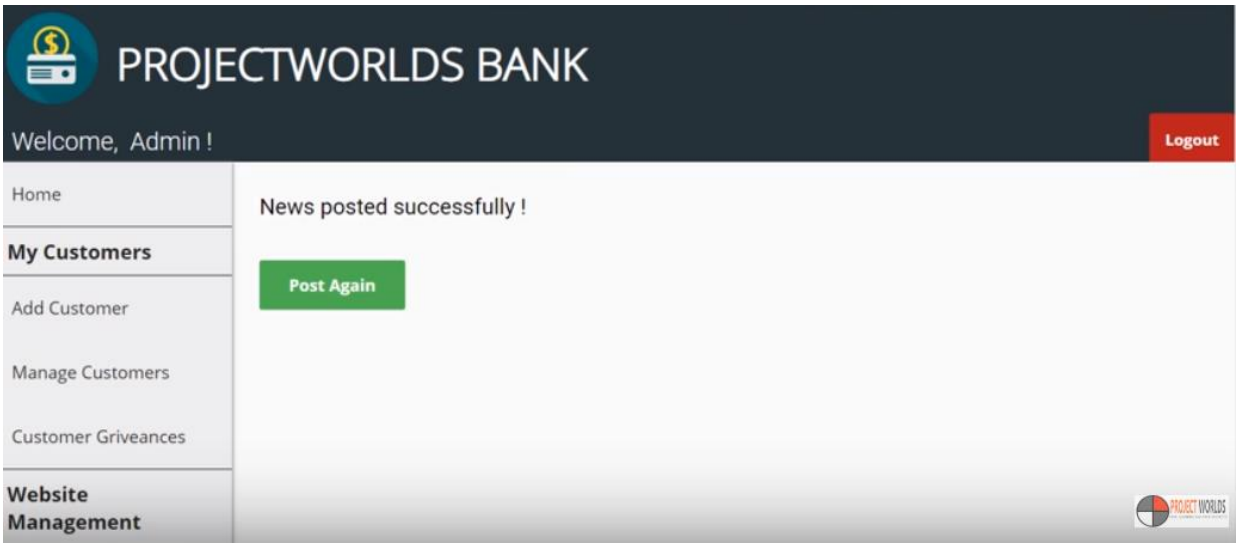


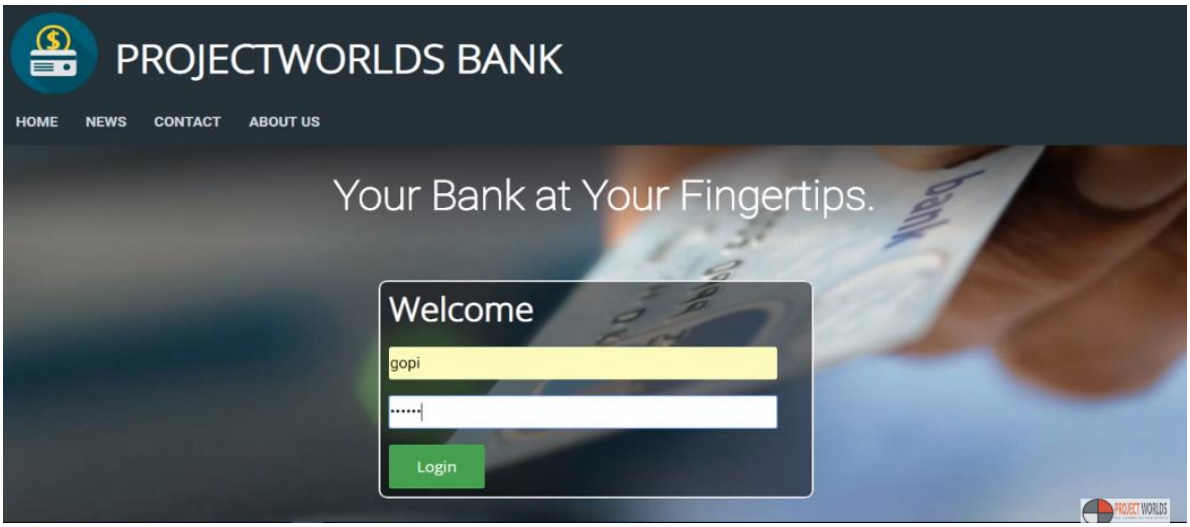

## (vii) Post News:



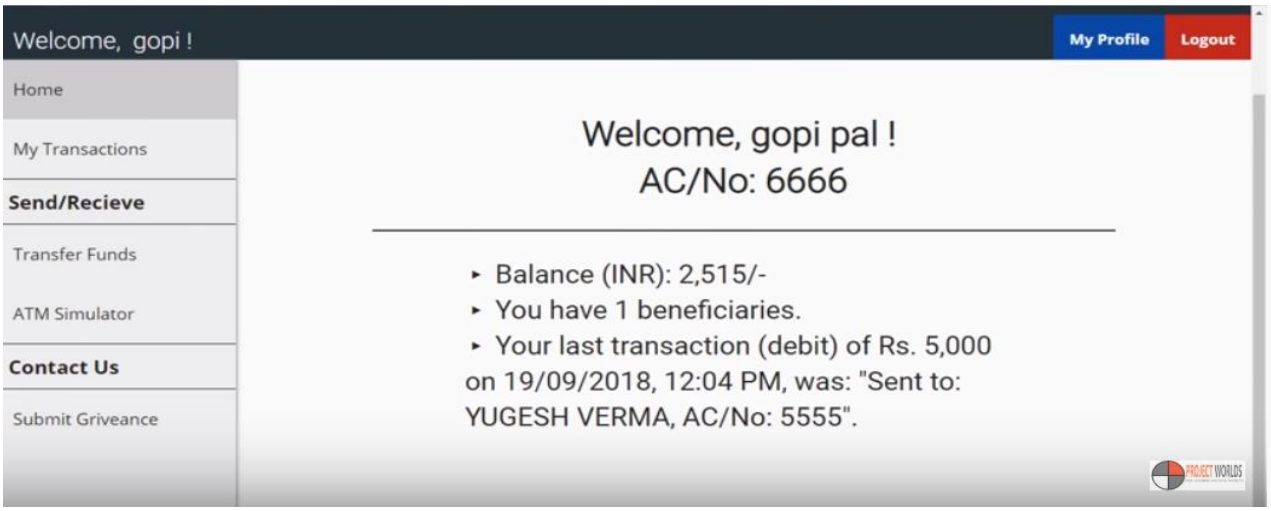
## Post Successful:



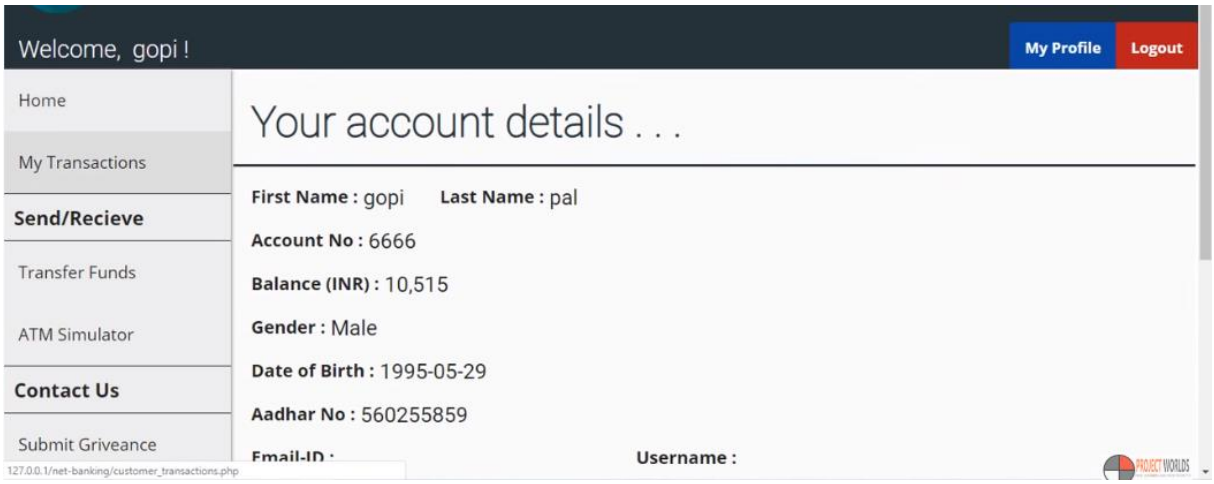

## (viii) Customer Login:



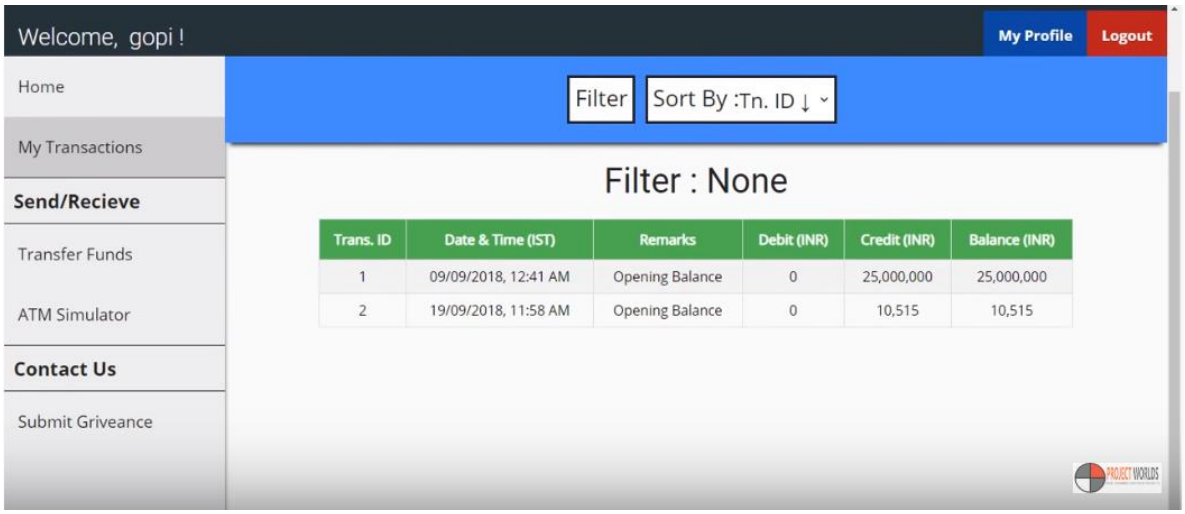

## (ix) Customer Account Balance:



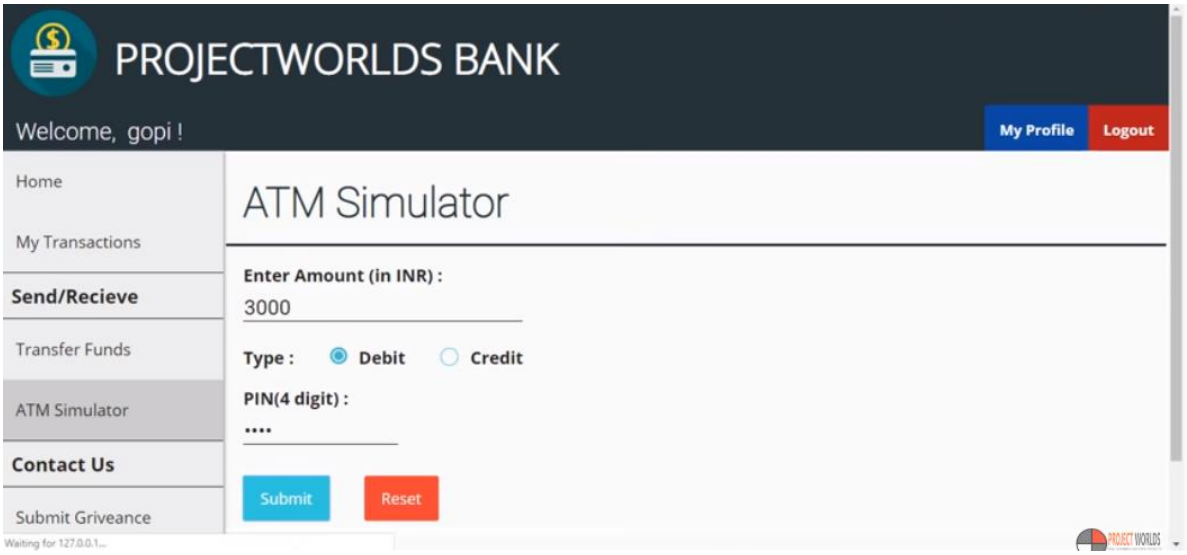
## (x) Customer Account Details:



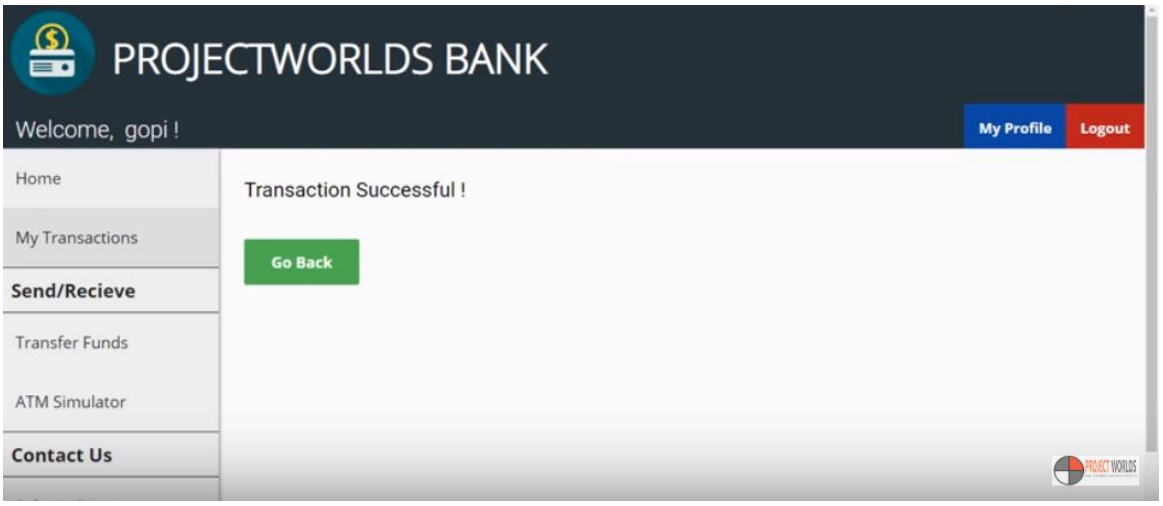

## (xi) Account Balance:



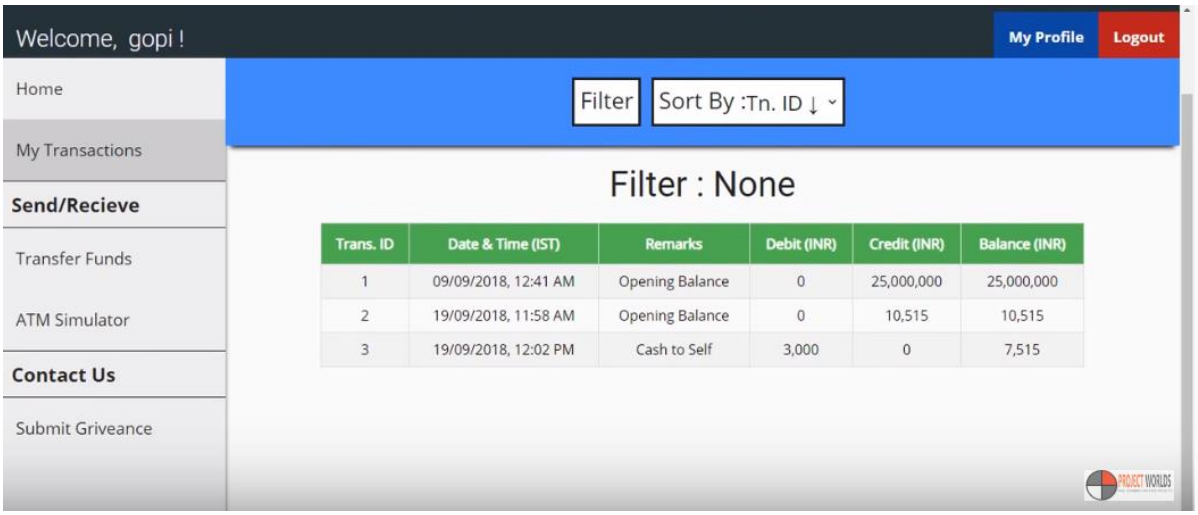

## (xii) ATM Simulator:



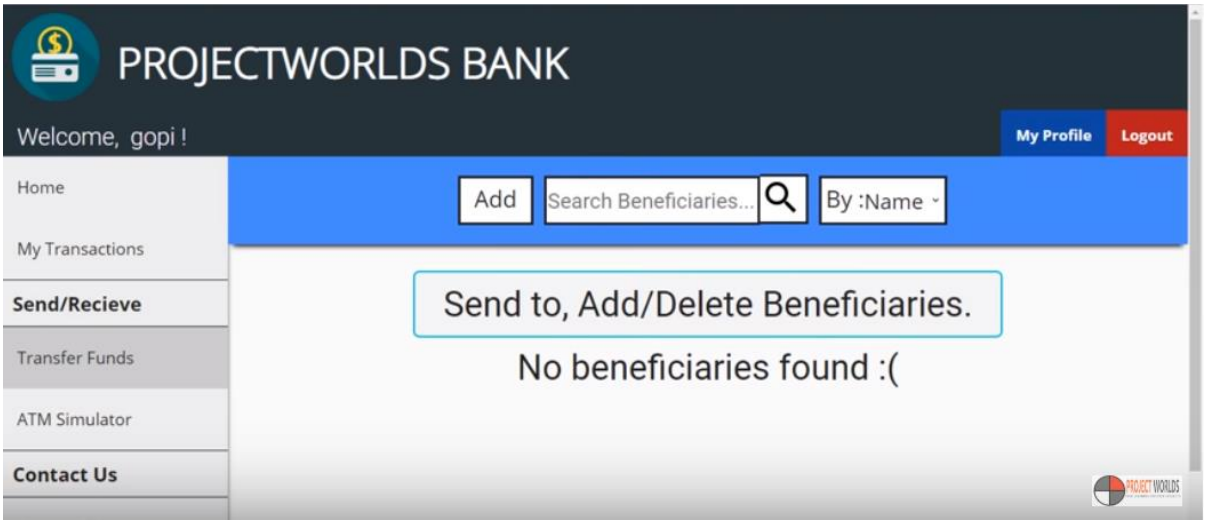
### (xiii) Transaction Successfull:



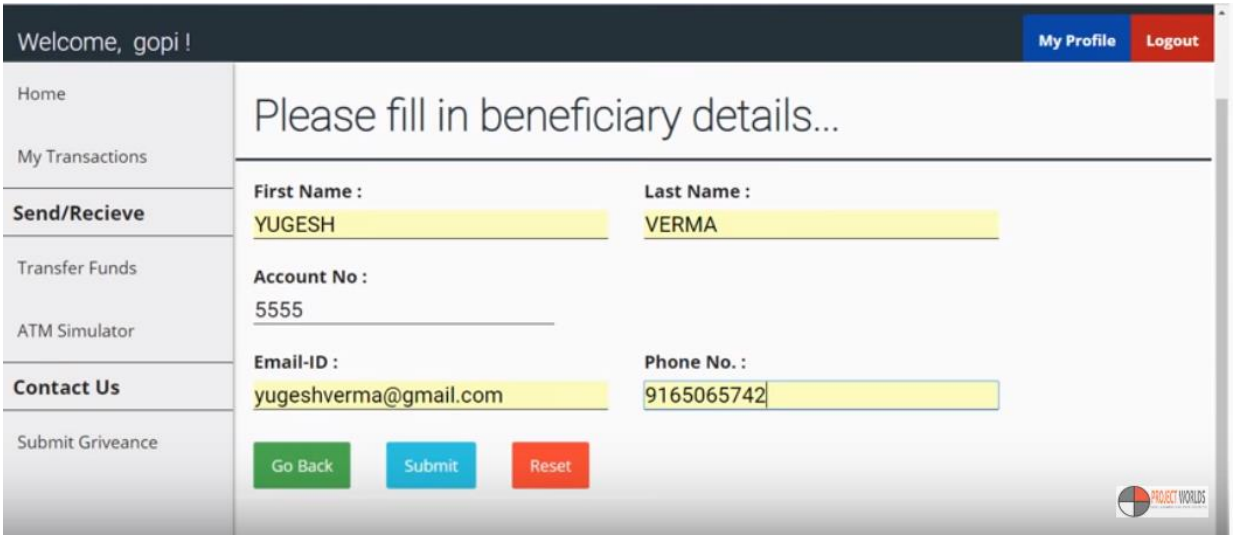

### (xiv) My Transaction:



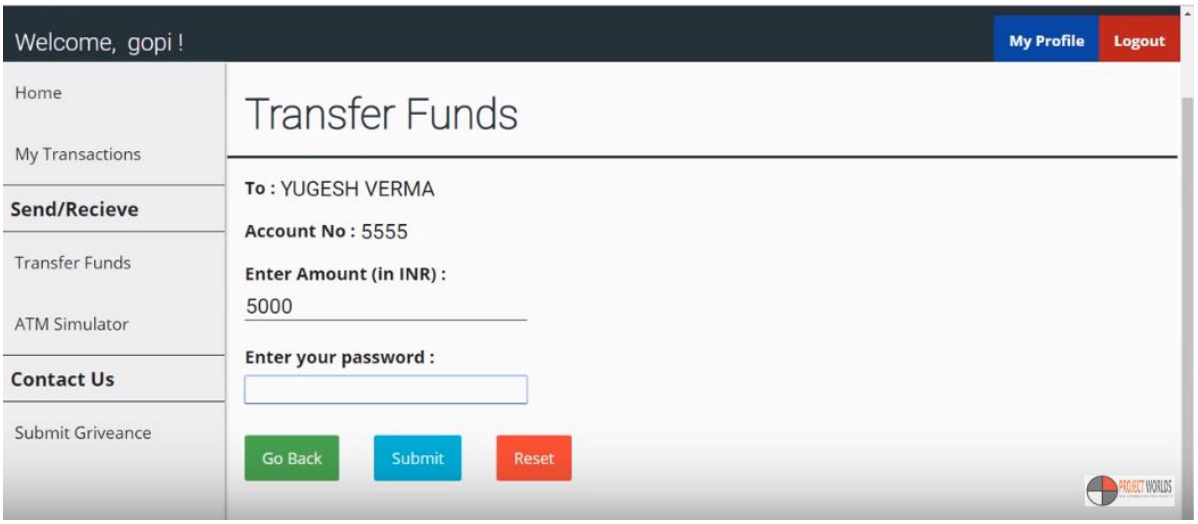

### (xv) Send or Add Benificiary:



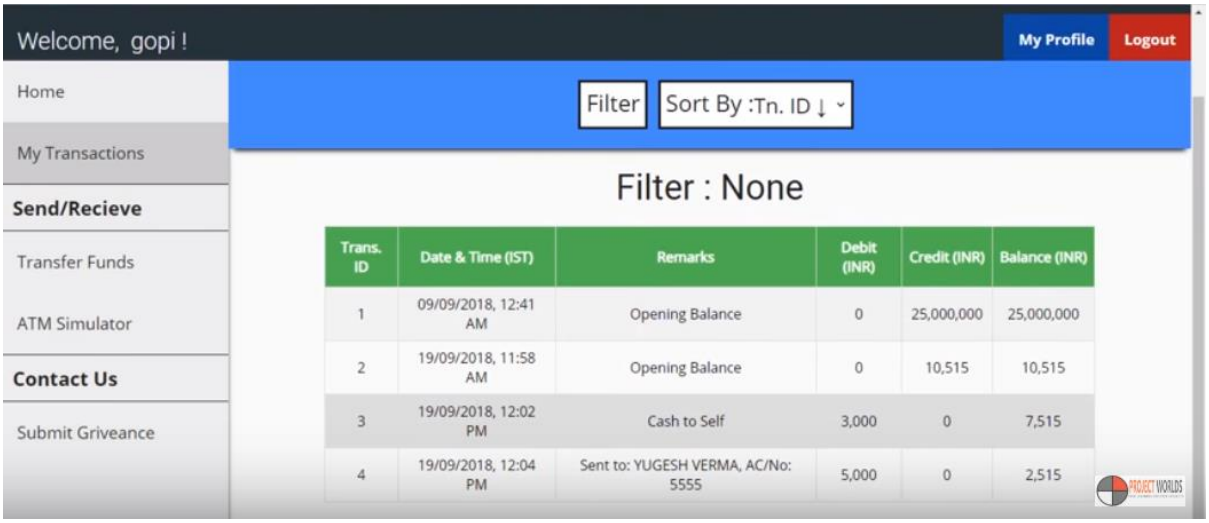
## (xvi) Beneficiary Details:



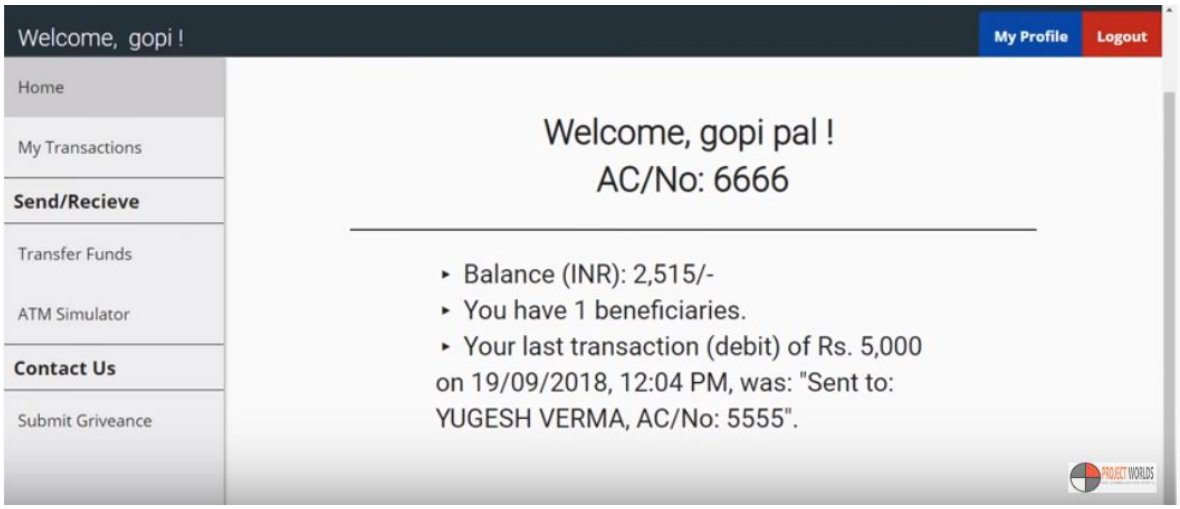

## (xvi) Transfer Funds:




## (xvii) Beneficiary Details:



(xviii) New Balance:




## 5. Conclusion

Online Banking enable better Business anywhere, anytime. Represents a tremendous opportunity. However, factors such as illiteracy, availability of cheaper labor force, reluctance to change by the existing staff of banks and slow growth of Technology are responsible for slow growth of online banking.