# CashMan 3001 User Manual

### Deployment:

## Requirements:

## Java8

## Hosting platform where Tomcat can be deployed

## Latest Maven

### Steps:

## Download the code from <https://github.com/Harendra1/WNS/tree/master>

## Run mvn install

## Pull the target jar file & use

## java -jar <targetfilename>.war to start application

## a copy of war has been already uploaded on Git which may be used directly

## Once the code is deployed, please access <http://localhost:8080/login>

### Functional Flow:

## The ATM machine assumes to be operated by 2 group of people –

## ATM Operations team – Responsible to refurbish cash. Addressed as Operators

## Customers – Use ATM for cash Withdrawal

## Upon accessing the login page user will see following page

## 

## Refurbish Cash:

## The Operators should click on “Refurbish Cash” button to Initialize, Add Cash or look at current Cash status of ATM.

## Let’s Click “Refurbish Cash”

## 

## An Operator can check current Total Cash in ATM & the currency slots & corresponding note count.E.g. The screen Shot shows 2 slots – 20 notes of 50 denomination & 20 notes of 20 denomination

## Let’s click on Refurbish

## 

## The screen allows operators to specify Denomination & Count of notes he wants to add to the slot.

## He/she may also choose to initialize the ATM with this stack in which case only currency in ATM would be the one mentioned now.

## 

## If operator clicks on Add Cash the next screen will show this –

## 

## Notice a new entry with 2 notes of 100 denomination has been added.

## If operator clicks on Initialize with the 100,2 value then following screen is displayed –

## 

## Option Exit takes Operator to Home page

## Let’s click on Cash Withdrawal on Home page.This screen will be displayed next-

## 

## Both fields are mandatory & hence please enter both values. Amount to be withdrawn should be in range of 20-10000.Once User enters an amount & Card Details, he will be taken to next page upon successful transaction completion.

## 

## The Threshold can be set using the application properties file by setting following value-

## min.threshhold=1000

### Assumptions:

### The assignment has been completed with simplicity in mind & hence lot of features like Security, Interceptors etc have not been used

### As suggested, no database has been used, not even in memory offerings (like H2)

### Most algorithms have bee created keeping in mind limited denominations

### The Junit test cases are not exhaustive due to time constraint