**Latex Source code**

\documentclass[12pt]{article}

\usepackage{amsmath}

\usepackage{latexsym}

\usepackage{amsfonts}

\usepackage[normalem]{ulem}

\usepackage{array}

\usepackage{amssymb}

\usepackage{graphicx}

\usepackage[backend=biber,

style=numeric,

sorting=none,

isbn=false,

doi=false,

url=false,

]{biblatex}\addbibresource{bibliography.bib}

\usepackage{subfig}

\usepackage{wrapfig}

\usepackage{wasysym}

\usepackage{enumitem}

\usepackage{adjustbox}

\usepackage{ragged2e}

\usepackage[svgnames,table]{xcolor}

\usepackage{tikz}

\usepackage{longtable}

\usepackage{changepage}

\usepackage{setspace}

\usepackage{hhline}

\usepackage{multicol}

\usepackage{tabto}

\usepackage{float}

\usepackage{multirow}

\usepackage{makecell}

\usepackage{fancyhdr}

\usepackage[toc,page]{appendix}

\usepackage[hidelinks]{hyperref}

\usetikzlibrary{shapes.symbols,shapes.geometric,shadows,arrows.meta}

\tikzset{>={Latex[width=1.5mm,length=2mm]}}

\usepackage{flowchart}\usepackage[paperheight=11.0in,paperwidth=8.5in,left=1.0in,right=1.0in,top=1.0in,bottom=1.0in,headheight=1in]{geometry}

\usepackage[utf8]{inputenc}

\usepackage[T1]{fontenc}

\TabPositions{0.5in,1.0in,1.5in,2.0in,2.5in,3.0in,3.5in,4.0in,4.5in,5.0in,5.5in,6.0in,}

\urlstyle{same}

%%%%%%%%%%%% Set Depths for Sections %%%%%%%%%%%%%%

% 1) Section

% 1.1) SubSection

% 1.1.1) SubSubSection

% 1.1.1.1) Paragraph

% 1.1.1.1.1) Subparagraph

\setcounter{tocdepth}{5}

\setcounter{secnumdepth}{5}

%%%%%%%%%%%% Set Depths for Nested Lists created by \begin{enumerate} %%%%%%%%%%%%%%

\setlistdepth{9}

\renewlist{enumerate}{enumerate}{9}

\setlist[enumerate,1]{label=\arabic\*)}

\setlist[enumerate,2]{label=\alph\*)}

\setlist[enumerate,3]{label=(\roman\*)}

\setlist[enumerate,4]{label=(\arabic\*)}

\setlist[enumerate,5]{label=(\Alph\*)}

\setlist[enumerate,6]{label=(\Roman\*)}

\setlist[enumerate,7]{label=\arabic\*}

\setlist[enumerate,8]{label=\alph\*}

\setlist[enumerate,9]{label=\roman\*}

\renewlist{itemize}{itemize}{9}

\setlist[itemize]{label=$\cdot$}

\setlist[itemize,1]{label=\textbullet}

\setlist[itemize,2]{label=$\circ$}

\setlist[itemize,3]{label=$\ast$}

\setlist[itemize,4]{label=$\dagger$}

\setlist[itemize,5]{label=$\triangleright$}

\setlist[itemize,6]{label=$\bigstar$}

\setlist[itemize,7]{label=$\blacklozenge$}

\setlist[itemize,8]{label=$\prime$}

\setlength{\topsep}{0pt}\setlength{\parskip}{8.04pt}

\setlength{\parindent}{0pt}

%%%%%%%%%%%% This sets linespacing (verticle gap between Lines) Default=1 %%%%%%%%%%%%%%

\renewcommand{\arraystretch}{1.3}

%%%%%%%%%%%%%%%%%%%% Document code starts here %%%%%%%%%%%%%%%%%%%%

\begin{document}

\begin{adjustwidth}{2.0in}{0.0in}

\textbf{Software Design Document}\par

\end{adjustwidth}

\begin{adjustwidth}{2.0in}{0.0in}

\textbf{E-Banking System Portal}\par

\end{adjustwidth}

\begin{adjustwidth}{2.0in}{0.0in}

\textbf{OOSE Exp 9}\par

\end{adjustwidth}

\begin{adjustwidth}{2.0in}{0.0in}

\textbf{\ \ \ \ \ \ \ \ November 2019}\par

\end{adjustwidth}

\textbf{For a Web/Native Mobile Application Based Application System}\par

\textbf{1 Introduction}\par

\setlength{\parskip}{0.0pt}

\begin{enumerate}[label\*=\arabic\*.]

\item System Overview

\end{enumerate}\par

\setlength{\parskip}{8.04pt}

\begin{adjustwidth}{0.3in}{0.0in}

The Application focuses on providing less cumbersome experience to the end user by providing a smooth and secure environment for efficient and reliable Online Banking System .\par

\end{adjustwidth}

\textbf{1.2 Test Approach}\par

\begin{adjustwidth}{0.28in}{0.0in}

The Application mainly focuses on Security principles so an exemplar for the security model to used\ \ for unit as well as domain testing . The testing groups include Face Recognition ,Network Buffer capacity, Database Sql Injection , Shodan\ Web Application Penetration , Synchronize Flooding Attack on Server, Vulnerability Scan , Session Management. The Security testing for the Network Buffer Capacity Database Sql Injection and Shodan Web Application Penetration and Vulnerability Scan is done for secure transactions and also used to prevent multiple annonymus network login on the Same IP address. Secure Database access for the admin and monitoring the overall services of the application.\par

\end{adjustwidth}

\textbf{2. Test Plan}\par

\begin{adjustwidth}{0.18in}{0.0in}

Test Plan includes the Security , Maintainability and reliable portal . The Approach include vigourous network analysis and testing on the performance in every damn aspect of functionalities which deals with Security and testing containerization done by the deployment Engineer.\tab The Resources include Kali Linux, Metasploit ,BurpSuit , Beef xss , Armitage , Netcat ,OpenCv . Features for Testing include\ Transactions, Login, Register , Session Storage and Session Management User Face Recognition and Database access Security. The personal task includes Developer ,Admin, Penetration Tester, Devops Engineer .The payment gateway will accept only valid credit and debit cards.Testing will be done whether Credit/debit card number,Date of expiry and CVV details are fetched by the application correctly by the application. These can be done by manual testing. The network Security Scan is focused on maintaining the safe and secure gateway.\par

\end{adjustwidth}

\setlength{\parskip}{0.0pt}

\textbf{2.1 Features to be tested :}\par

\begin{adjustwidth}{0.07in}{0.0in}

\ \ \ \ \ \ The Features includes Login ,\ Register\ ,Payment\ Schedule and Payment History, Payment \par

\end{adjustwidth}

\begin{adjustwidth}{0.07in}{0.0in}

\tab Transaction and Facial Recognition ,Database Security.\par

\end{adjustwidth}

\begin{adjustwidth}{0.07in}{0.0in}

Face Recognition: Input Image Dataset\ , Input Data Consistency\par

\end{adjustwidth}

\begin{adjustwidth}{0.07in}{0.0in}

Payment Schedule ,Payment History , Payment Transaction : \par

\end{adjustwidth}

\begin{adjustwidth}{0.07in}{0.0in}

Database Security : Database Sql Injection : \par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\ \ \ \ \ \ \ \ \ \ \ \ \ OverAll Application Security : Network Buffer capacity, Database Sql Injection , Shodan\ Web\ \ Application Penetration , Synchronize Flooding Attack on Server, Vulnerability Scan\ , Session Management\par

\end{adjustwidth}

\begin{adjustwidth}{1.0in}{0.0in}

The security testing will be performed by arachnid tool in 1 week,Cross browser testing\par

\end{adjustwidth}

\begin{adjustwidth}{1.0in}{0.0in}

using Cross Browser Tool in 1week,Performance testing using Jmeter tool in week,Usability\par

\end{adjustwidth}

\begin{adjustwidth}{1.0in}{0.0in}

testing using chrome runner tool in 1 week.The database testing will be performed\par

\end{adjustwidth}

\begin{adjustwidth}{1.0in}{0.0in}

whether all the data are stored and fetched properly from database.The non functional\par

\end{adjustwidth}

\begin{adjustwidth}{1.0in}{0.0in}

attributes will be testing in approximately in 1 month\par

\end{adjustwidth}

\vspace{\baselineskip}

\textbf{ Test Plan}\par

\ \par

%%%%%%%%%%%%%%%%%%%% Table No: 1 starts here %%%%%%%%%%%%%%%%%%%%

\begin{table}[H]

\centering

\begin{tabular}{p{3.05in}p{3.05in}}

\hline

%row no:1

\multicolumn{1}{|p{3.05in}}{Version} &

\multicolumn{1}{|p{3.05in}|}{Estimated completion of testing} \\

\hhline{--}

%row no:2

\multicolumn{1}{|p{3.05in}}{1.01 alpha} &

\multicolumn{1}{|p{3.05in}|}{10/10/2019} \\

\hhline{--}

%row no:3

\multicolumn{1}{|p{3.05in}}{1.02} &

\multicolumn{1}{|p{3.05in}|}{20/10/2019} \\

\hhline{--}

%row no:4

\multicolumn{1}{|p{3.05in}}{1.03} &

\multicolumn{1}{|p{3.05in}|}{25/10/2019} \\

\hhline{--}

\end{tabular}

\end{table}

%%%%%%%%%%%%%%%%%%%% Table No: 1 ends here %%%%%%%%%%%%%%%%%%%%

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Roles And Responsibilities}

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

%%%%%%%%%%%%%%%%%%%% Table No: 2 starts here %%%%%%%%%%%%%%%%%%%%

\begin{table}[H]

\centering

\begin{tabular}{p{1.49in}p{1.55in}p{1.36in}p{1.68in}}

\hline

%row no:1

\multicolumn{1}{|p{1.49in}}{Sr.no} &

\multicolumn{1}{|p{1.55in}}{Deliverable \par Name} &

\multicolumn{1}{|p{1.36in}}{Author} &

\multicolumn{1}{|p{1.68in}|}{Reviewer} \\

\hhline{----}

%row no:2

\multicolumn{1}{|p{1.49in}}{1} &

\multicolumn{1}{|p{1.55in}}{Test Plan} &

\multicolumn{1}{|p{1.36in}}{Test Lead(\textcolor[HTML]{5F6368}{RIDDHISHA}})} &

\multicolumn{1}{|p{1.68in}|}{Project Manager/ \par Business Analyst’s/Test Lead} \\

\hhline{----}

%row no:3

\multicolumn{1}{|p{1.49in}}{2} &

\multicolumn{1}{|p{1.55in}}{Network Buffer Overflow Defects} &

\multicolumn{1}{|p{1.36in}}{Penetration Tester(Vedang)} &

\multicolumn{1}{|p{1.68in}|}{Project Manager/Penetration Tester/Test Lead } \\

\hhline{----}

%row no:4

\multicolumn{1}{|p{1.49in}}{3} &

\multicolumn{1}{|p{1.55in}}{Login/Database defects} &

\multicolumn{1}{|p{1.36in}}{Test Team(Niket)} &

\multicolumn{1}{|p{1.68in}|}{Project Manager/ \par Business Analyst’s/Test Lead} \\

\hhline{----}

%row no:5

\multicolumn{1}{|p{1.49in}}{4} &

\multicolumn{1}{|p{1.55in}}{DOS preventions/\textcolor[HTML]{222222}{WAF/IPS issues}} \par } &

\multicolumn{1}{|p{1.36in}}{Test\ Team(Vedang)} &

\multicolumn{1}{|p{1.68in}|}{Penetration Tester/Test Lead/Project Manager} \\

\hhline{----}

%row no:6

\multicolumn{1}{|p{1.49in}}{5} &

\multicolumn{1}{|p{1.55in}}{Datasets consistency Defects} &

\multicolumn{1}{|p{1.36in}}{Test Team(Hritik)} &

\multicolumn{1}{|p{1.68in}|}{Test Lead/Project Manager} \\

\hhline{----}

%row no:7

\multicolumn{1}{|p{1.49in}}{6} &

\multicolumn{1}{|p{1.55in}}{Test closure re- \par port \par } &

\multicolumn{1}{|p{1.36in}}{Test \par Lead(\textcolor[HTML]{5F6368}{RIDDHISHA}}) \par } &

\multicolumn{1}{|p{1.68in}|}{Project Manager} \\

\hhline{----}

\end{tabular}

\end{table}

%%%%%%%%%%%%%%%%%%%% Table No: 2 ends here %%%%%%%%%%%%%%%%%%%%

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

%%%%%%%%%%%%%%%%%%%% Table No: 3 starts here %%%%%%%%%%%%%%%%%%%%

\begin{table}[H]

\centering

\begin{tabular}{p{2.8in}p{2.8in}}

\hline

%row no:1

\multicolumn{1}{|p{2.8in}}{Version} &

\multicolumn{1}{|p{2.8in}|}{Functionality to be Tested} \\

\hhline{--}

%row no:2

\multicolumn{1}{|p{2.8in}}{1.01 alpha} &

\multicolumn{1}{|p{2.8in}|}{login\ and registration, image datasets, network latency and waterfall requirement \par } \\

\hhline{--}

%row no:3

\multicolumn{1}{|p{2.8in}}{1.02} &

\multicolumn{1}{|p{2.8in}|}{Website Application Firewall,Intrusion Prevention System for secure transactions} \\

\hhline{--}

%row no:4

\multicolumn{1}{|p{2.8in}}{1.03} &

\multicolumn{1}{|p{2.8in}|}{Buffer Capacity,SSL certificate validation, \par Database security performing sql injection \par secure database access and storage} \\

\hhline{--}

\end{tabular}

\end{table}

%%%%%%%%%%%%%%%%%%%% Table No: 3 ends here %%%%%%%%%%%%%%%%%%%%

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\begin{adjustwidth}{0.07in}{0.0in}

\textbf{2.2\ Features not to be tested :}\par

\end{adjustwidth}

\begin{adjustwidth}{0.07in}{0.0in}

\ \ \ \ \ \ \ \ Enrollment Terms, Bank Offers , Transaction trends \par

\end{adjustwidth}

\vspace{\baselineskip}

\textbf{ 2.3 Testing Tools and Environment:}\par

\ \ \ \ \ \ Number of testers needed->3\par

\ \ \ \ \ \ Time needed->1 month approximately\par

\ \ \ \ \ \ Hardware:8GB ram and intel processor\par

\ \ \ \ \ \ Software:Windows OS, Debian Linux Version, Secure network Access Environment , \par

\ \ \ \ \ \ \ Virtual Machines.\par

\ \ \ \ \ \ Tools needed:\par

\begin{adjustwidth}{0.5in}{0.0in}

Junit->Unit Testing ,Node Debugger\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Citrus Tool->Integration Testing\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Selenium->Automation Testing\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Performance Testing->Jmeter Tool\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Security Testing->Metasploit ,BurpSuit , Beef xss , Armitage , Netcat ,Nmap\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Compatibility Testing->Cross Browser Tool\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Usability Testing->LightHouse Tool\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

Database Testing->BurpSuit , Armitage\par

\end{adjustwidth}

\vspace{\baselineskip}

\ \ \ \ \ \ \ \par

\vspace{\baselineskip}

\setlength{\parskip}{8.04pt}

\begin{adjustwidth}{0.28in}{0.0in}

\textbf{3 TEST CASES}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\textbf{Functionalities for a bank User}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

\textbf{3.1 Register Functionality}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

\textbf{3.1.1 Purpose:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

To check user is able to login with username and password where username should not ,fname ,lname

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

accept special characters and password must be of minimum 6 characters and cannot contain user name

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

The Confirm Password and Password must match

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

To validate Mobile Number

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

The captcha to be verified.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

To Provide aadhar validation with aadhar id using aadhar government api

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

To Provide Image Recognition based on the image from the aadhar database

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{1.28in}{0.0in}

\begin{justify}

The User can register as only user and required security team and project lead would have constant surveillance on the Application

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

\textbf{3.1.2 Inputs:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

Go to site:www.ebanksyns.com

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

Click on Regsister

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

Enter username as abc@123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Password as 123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Confirm Password as 123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Next-Button

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.1.1 Expected Outputs $\&$ Pass/Fail criteria}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The result should fail on above input as the password contains special characters

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Input}.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Aadhar validation page https://ebanksyns/register

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

Enter aadhar id : xyz@123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.1.2 Expected Outputs $\&$ Aadhar/Fail criteria}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The result should fail on above input as the aadhar id is not recognized as a valid one.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Input}.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Face Recognition Window

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.1.3 Expected Outputs $\&$ Image/Fail criteria}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The result should not work Please provide a valid Face to be recognized if you ara a Human.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Input}.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

https://ebanksyns/register

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

Enter username as abc@123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

Mobile No:222222

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Password as 123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.1.4 Expected Outputs $\&$ Mobile/Fail criteria}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The result should not work Please Provide a valid mobile number

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.2 Login Functionality}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

\textbf{3.2.1 Purpose:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

To Provide The Email and Password

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

To generate random OTP send for both email and registered valid for only 10 seconds

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

To provide a captcha in order to verify as a Human

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

\textbf{Input}:

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

https://ebanksyns/register

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Email::abc@123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Password:111111111

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

OTP ::

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.2.1 Expected Outputs $\&$ Password/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{The email is not registered or the password is incorrect}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.78in}{0.0in}

\begin{justify}

\textbf{Input}:

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

https://ebanksyns/register

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Email::abc@123

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Password:111111111

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

OTP ::

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.2.2 Expected Outputs $\&$ OTP/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The OTP is not correct or the requirect OTP is expired.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.2.3 Expected Outputs $\&$ DDOS/Multiple/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

By\ The\ Bank\ Security\ Right\ your\ IP\ is banned for vigorous network attempts legal action may be encountered.

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{justify}

\textbf{3.3 Transaction\ Functionality }:

\end{justify}\par

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Purpose:} Once the User is authenticated by passing login and register functionalities he/she can perform transactions view transaction functionalities

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Input ::}

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\href{https://ebanksyns/username?12eeeaxaxaxax}{\textcolor[HTML]{1155CC}{\uline{https://ebanksyns/username?12eeeaxaxaxax}}}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Go to Transfer Amount.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Enter the Bank Name

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Enter the Bank IFSC code

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Enter the Bank Branch

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Validate The Captcha

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.3.1 Expected Outputs $\&$ UserInput/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The Bank Name is not valid or you have entered an invalid IFSC code

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.3.2 Expected Outputs $\&$ Captcha/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The captcha entered is not a valid one.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.3.3 Expected Outputs $\&$ Session/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Your Session is Expired Please Login Again}

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.4 Transaction\ History }:

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Purpose:} Once the User is authenticated by passing login and register functionalities he/she can perform transactions view transaction History in most best User Interactive Format.

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{Input:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

The transaction History Log

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

\textbf{3.4.1 Expected Outputs $\&$ Session/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.5in}{0.0in}

\begin{justify}

Your Session is Expired Please Login Again

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\vspace{\baselineskip}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{Functionalities for Penetration Tester}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{3.5 : Overall Network Security Scan:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{Purpose: }To\ perform\ and\ Secure OverAll Application Security : Network Buffer capacity, Database Sql Injection , Shodan\ Web\ \ \ Application Penetration , Synchronize Flooding Attack on Server, Vulnerability Scan , Session Management

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{3.5.1 Expected Outputs $\&$ Offline/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

Required Application is brought in production phase from development

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{3.5.2\ Expected Outputs $\&$ Domain/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

The Domain or the required web server is down or having a heavy traffic on server

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{Functionalities for Admin User:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{3.6 :: Integrity in application and maintainibilty}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{Purpose:} Input Image Dataset\ , Input Data Consistency,Manage All Application Functionalities

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{3.6.1\ Expected Outputs $\&$ Domain/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

The Domain or the required web server is down or having a heavy traffic on server

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{Functionalities for Devops User:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{Purpose:} Use of Docker Nginx in order to provide efficient deployment procedure

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

\textbf{3.5.4\ Expected Outputs $\&$ Phase/Fail criteria:}

\end{justify}\par

\end{adjustwidth}

\begin{adjustwidth}{0.28in}{0.0in}

\begin{justify}

The Required Application is not ready for Deployment or in Production Phase

\end{justify}\par

\end{adjustwidth}

\vspace{\baselineskip}

\vspace{\baselineskip}

\textbf{Test Logs for the Application}\par

%%%%%%%%%%%%%%%%%%%% Table No: 4 starts here %%%%%%%%%%%%%%%%%%%%

\begin{table}[H]

\centering

\begin{tabular}{p{0.71in}p{0.83in}p{0.95in}p{0.83in}p{0.83in}p{0.53in}p{1.81in}}

\hline

%row no:1

\multicolumn{1}{|p{0.71in}}{\textbf{Test} \par \textbf{case} \par \textbf{id} \par } &

\multicolumn{1}{|p{0.83in}}{\textbf{Test} \par \textbf{case} \par \textbf{Name} \par } &

\multicolumn{1}{|p{0.95in}}{\textbf{Description}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Input}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Expected} \par \textbf{output} \par } &

\multicolumn{1}{|p{0.53in}}{\textbf{Actual} \par \textbf{output} \par } &

\multicolumn{1}{|p{1.81in}|}{\textbf{Status}} \\

\hhline{-------}

%row no:2

\multicolumn{1}{|p{0.71in}}{\textbf{3.1}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Register functionality}} &

\multicolumn{1}{|p{0.95in}}{\textbf{Go to} \par \textbf{site,do} \par \textbf{regis-} \par \textbf{tration for bank portal}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Go to} \par \textbf{site,do} \par \textbf{regis-} \par \textbf{tration} \par \textbf{provide username } \par \textbf{email fname,lname password confirm password .Aadhaar or pan card image and face recognition } \par } &

\multicolumn{1}{|p{0.83in}}{\textbf{Welcome\ user to our bank Portal } \par } &

\multicolumn{1}{|p{0.53in}}{\textbf{Special} \par \textbf{char-} \par \textbf{acters} \par \textbf{also} \par \textbf{ac-} \par \textbf{cepted} \par } &

\multicolumn{1}{|p{1.81in}|}{\textbf{Failed(10/10/2019)} \par \textbf{At testing environment(Windows} \par \textbf{os (Chrome browser)} \par

\begin{Center}

\includegraphics[width=1.81in,height=1.97in]{./media/image1.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:3

\multicolumn{1}{|p{0.71in}}{\textbf{3.2}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Login} \par \textbf{functionality}} &

\multicolumn{1}{|p{0.95in}}{\textbf{Provide Email and Password generate OTP for 10 seconds valid } \par \textbf{verify a user as human}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Enter} \par \textbf{user} \par \textbf{name} \par \textbf{and} \par \textbf{pass-} \par \textbf{word} \par } &

\multicolumn{1}{|p{0.83in}}{\textbf{User} \par \textbf{name} \par \textbf{should} \par \textbf{accept all} \par \textbf{aphanu-} \par \textbf{merics} \par \textbf{but no} \par \textbf{special} \par \textbf{charac-} \par \textbf{ters}} &

\multicolumn{1}{|p{0.53in}}{\textbf{Username or email is not registered with us} \par } &

\multicolumn{1}{|p{1.81in}|}{\textbf{Failed(10/10/2019)} \par \textbf{At testing environment(Windows} \par \textbf{os (Chrome browser)} \par

\begin{Center}

\includegraphics[width=1.81in,height=1.47in]{./media/image2.png}

\end{Center}

} \\

\hhline{-------}

%row no:4

\multicolumn{1}{|p{0.71in}}{\textbf{3.3}} &

\multicolumn{1}{|p{0.83in}}{\textbf{\ Transaction Functionality }: \par } &

\multicolumn{1}{|p{0.95in}}{\textbf{Once the User is authenticated by passing login and register functionalities he/she can perform transactions view transaction functionality}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Enter the Bank Name } \par \textbf{Enter the Bank IFSC code} \par \textbf{ Enter the Bank Branch } \par \textbf{Validate The Captcha}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Bank Should Accept all the valid IFSC codes and valid captcha and valid session}} &

\multicolumn{1}{|p{0.53in}}{\textbf{The Bank Name is a valid and the amount is transferred }} &

\multicolumn{1}{|p{1.81in}|}{\textbf{Passed(10/10/2019)} \par

\begin{Center}

\includegraphics[width=1.81in,height=2.16in]{./media/image3.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:5

\multicolumn{1}{|p{0.71in}}{\textbf{3.4}} &

\multicolumn{1}{|p{0.83in}}{\textbf{3.4\ Transaction History }: \par } &

\multicolumn{1}{|p{0.95in}}{\textbf{Once the User is authenticated by passing login and register functionalities he/she can perform transactions view transaction History in most best User Interactive Format.} \par } &

\multicolumn{1}{|p{0.83in}}{\textbf{The transaction History Log} \par } &

\multicolumn{1}{|p{0.83in}}{\textbf{view transaction History in most best User Interactive Format.}} &

\multicolumn{1}{|p{0.53in}}{\textbf{Transaction log displayed } \par \textbf{in proper form}} &

\multicolumn{1}{|p{1.81in}|}{\textbf{Passed(10/10/2019)} \par

\begin{Center}

\includegraphics[width=1.81in,height=2.12in]{./media/image4.png}

\end{Center}

} \\

\hhline{-------}

%row no:6

\multicolumn{1}{|p{0.71in}}{\textbf{3.5}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Overall} \par \textbf{Network} \par \textbf{Security} \par \textbf{Scan:} \par } &

\multicolumn{1}{|p{0.95in}}{\textbf{Security : Network Buffer capacity, Database Sql Injection , Shodan\ Web\ \ \ Application Penetration , Synchronize Flooding Attack on Server, Vulnerability Scan , Session Management} \par } &

\multicolumn{1}{|p{0.83in}}{\textbf{None}} &

\multicolumn{1}{|p{0.83in}}{\textbf{Domain and application has a valid security ssl certificate and domain}} &

\multicolumn{1}{|p{0.53in}}{\textbf{Penetration testing results obtained positive}} &

\multicolumn{1}{|p{1.81in}|}{\textbf{Passed(25/10/2019)} \par

\begin{Center}

\includegraphics[width=1.81in,height=2.24in]{./media/image5.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:7

\multicolumn{1}{|p{0.71in}}{\textbf{3.6}} &

\multicolumn{1}{|p{0.83in}}{\textbf{ Integrity in application and maintainibilty} \par } &

\multicolumn{1}{|p{0.95in}}{\textbf{Input\ Image Dataset , Input Data Consistency,Manage All Application Functionalities} } &

\multicolumn{1}{|p{0.83in}}{\textbf{None}} &

\multicolumn{1}{|p{0.83in}}{\textbf{The} \par \textbf{Domain or the required web server is down or having a heavy traffic on server} \par } &

\multicolumn{1}{|p{0.53in}}{The Domain is Valid data analytics is success} &

\multicolumn{1}{|p{1.81in}|}{\textbf{Passed(25/10/2019)} \par

\begin{Center}

\includegraphics[width=1.81in,height=2.06in]{./media/image6.png}

\end{Center}

\textbf{ }} \\

\hhline{-------}

\end{tabular}

\end{table}

%%%%%%%%%%%%%%%%%%%% Table No: 4 ends here %%%%%%%%%%%%%%%%%%%%

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\textbf{Test Logs for the Application}\par

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

%%%%%%%%%%%%%%%%%%%% Table No: 5 starts here %%%%%%%%%%%%%%%%%%%%

\begin{table}[H]

\centering

\begin{tabular}{p{0.95in}p{0.85in}p{1.08in}p{0.6in}p{0.69in}p{0.46in}p{1.87in}}

\hline

%row no:1

\multicolumn{1}{|p{0.95in}}{\textbf{Test} \par \textbf{cas} \par \textbf{id} \par } &

\multicolumn{1}{|p{0.85in}}{\textbf{Test} \par \textbf{case} \par \textbf{Name} \par } &

\multicolumn{1}{|p{1.08in}}{\textbf{Description}} &

\multicolumn{1}{|p{0.6in}}{\textbf{Input}} &

\multicolumn{1}{|p{0.69in}}{\textbf{Expected} \par \textbf{output} \par } &

\multicolumn{1}{|p{0.46in}}{\textbf{Actual} \par \textbf{output} \par } &

\multicolumn{1}{|p{1.87in}|}{\textbf{Status}} \\

\hhline{-------}

%row no:2

\multicolumn{1}{|p{0.95in}}{\textbf{3.1}} &

\multicolumn{1}{|p{0.85in}}{\textbf{Register functionality}} &

\multicolumn{1}{|p{1.08in}}{\textbf{Go to} \par \textbf{site,do} \par \textbf{regis-} \par \textbf{tration for bank portal}} &

\multicolumn{1}{|p{0.6in}}{\textbf{Go to} \par \textbf{site,do} \par \textbf{regis-} \par \textbf{tration} \par \textbf{provide username } \par \textbf{email fname,lname password confirm password .Aadhaar or pan card image and face recognition } \par } &

\multicolumn{1}{|p{0.69in}}{\textbf{Welcome\ user to our bank Portal } \par } &

\multicolumn{1}{|p{0.46in}}{\textbf{Special} \par \textbf{char-} \par \textbf{acters} \par \textbf{also} \par \textbf{ac-} \par \textbf{cepted} \par } &

\multicolumn{1}{|p{1.87in}|}{\textbf{Failed(10/10/2019)} \par \textbf{At testing environment(Windows} \par \textbf{os (Chrome browser)} \par

\begin{Center}

\includegraphics[width=1.87in,height=1.75in]{./media/image1.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:3

\multicolumn{1}{|p{0.95in}}{\textbf{3.2}} &

\multicolumn{1}{|p{0.85in}}{\textbf{Login} \par \textbf{functionality}} &

\multicolumn{1}{|p{1.08in}}{\textbf{Provide Email and Password generate OTP for 10 seconds valid } \par \textbf{verify a user as human}} &

\multicolumn{1}{|p{0.6in}}{\textbf{Enter} \par \textbf{user} \par \textbf{name} \par \textbf{and} \par \textbf{pass-} \par \textbf{word} \par } &

\multicolumn{1}{|p{0.69in}}{\textbf{User} \par \textbf{name} \par \textbf{should} \par \textbf{accept all} \par \textbf{aphanu-} \par \textbf{merics} \par \textbf{but no} \par \textbf{special} \par \textbf{charac-} \par \textbf{ters}} &

\multicolumn{1}{|p{0.46in}}{\textbf{Username or email is not registered with us} \par } &

\multicolumn{1}{|p{1.87in}|}{\textbf{Failed(10/10/2019)} \par \textbf{At testing environment(Windows} \par \textbf{os (Chrome browser)} \par

\begin{Center}

\includegraphics[width=1.87in,height=1.47in]{./media/image2.png}

\end{Center}

} \\

\hhline{-------}

%row no:4

\multicolumn{1}{|p{0.95in}}{\textbf{3.3}} &

\multicolumn{1}{|p{0.85in}}{\textbf{\ Transaction Functionality }: \par } &

\multicolumn{1}{|p{1.08in}}{\textbf{Once the User is authenticated by passing login and register functionalities he/she can perform transactions view transaction functionality}} &

\multicolumn{1}{|p{0.6in}}{\textbf{Enter the Bank Name } \par \textbf{Enter the Bank IFSC code} \par \textbf{ Enter the Bank Branch } \par \textbf{Validate The Captcha}} &

\multicolumn{1}{|p{0.69in}}{\textbf{Bank Should Accept all the valid IFSC codes and valid captcha and valid session}} &

\multicolumn{1}{|p{0.46in}}{\textbf{The Bank Name is a valid and the amount is transferred }} &

\multicolumn{1}{|p{1.87in}|}{\textbf{Passed(10/10/2019)} \par

\begin{Center}

\includegraphics[width=1.87in,height=2.16in]{./media/image3.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:5

\multicolumn{1}{|p{0.95in}}{\textbf{3.4}} &

\multicolumn{1}{|p{0.85in}}{\textbf{3.4\ Transaction History }: \par } &

\multicolumn{1}{|p{1.08in}}{\textbf{Once the User is authenticated by passing login and register functionalities he/she can perform transactions view transaction History in most best User Interactive Format.} \par } &

\multicolumn{1}{|p{0.6in}}{\textbf{The transaction History Log} \par } &

\multicolumn{1}{|p{0.69in}}{\textbf{view transaction History in most best User Interactive Format.}} &

\multicolumn{1}{|p{0.46in}}{\textbf{Transaction log displayed } \par \textbf{in proper form}} &

\multicolumn{1}{|p{1.87in}|}{\textbf{Passed(10/10/2019)} \par

\begin{Center}

\includegraphics[width=1.87in,height=2.12in]{./media/image4.png}

\end{Center}

} \\

\hhline{-------}

%row no:6

\multicolumn{1}{|p{0.95in}}{\textbf{3.5}} &

\multicolumn{1}{|p{0.85in}}{\textbf{Overall} \par \textbf{Network} \par \textbf{Security} \par \textbf{Scan:} \par } &

\multicolumn{1}{|p{1.08in}}{\textbf{Security : Network Buffer capacity, Database Sql Injection , Shodan\ Web\ \ \ Application Penetration , Synchronize Flooding Attack on Server, Vulnerability Scan , Session Management} \par } &

\multicolumn{1}{|p{0.6in}}{\textbf{None}} &

\multicolumn{1}{|p{0.69in}}{\textbf{Domain and application has a valid security ssl certificate and domain}} &

\multicolumn{1}{|p{0.46in}}{\textbf{Penetration testing results obtained positive}} &

\multicolumn{1}{|p{1.87in}|}{\textbf{Passed(25/10/2019)} \par

\begin{Center}

\includegraphics[width=1.87in,height=2.24in]{./media/image5.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:7

\multicolumn{1}{|p{0.95in}}{\textbf{3.6}} &

\multicolumn{1}{|p{0.85in}}{\textbf{ Integrity in application and maintainibilty} \par } &

\multicolumn{1}{|p{1.08in}}{\textbf{Input\ Image Dataset , Input Data Consistency,Manage All Application Functionalities} } &

\multicolumn{1}{|p{0.6in}}{\textbf{None}} &

\multicolumn{1}{|p{0.69in}}{\textbf{The} \par \textbf{Domain or the required web server is down or having a heavy traffic on server} \par } &

\multicolumn{1}{|p{0.46in}}{The Domain is Valid data analytics is success} &

\multicolumn{1}{|p{1.87in}|}{\textbf{Passed(25/10/2019)} \par

\begin{Center}

\includegraphics[width=1.87in,height=2.06in]{./media/image6.png}

\end{Center}

\textbf{ }} \\

\hhline{-------}

\end{tabular}

\end{table}

%%%%%%%%%%%%%%%%%%%% Table No: 5 ends here %%%%%%%%%%%%%%%%%%%%

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\vspace{\baselineskip}

\textbf{Defect Reporting:}\par

\vspace{\baselineskip}

%%%%%%%%%%%%%%%%%%%% Table No: 6 starts here %%%%%%%%%%%%%%%%%%%%

\begin{table}[H]

\centering

\begin{tabular}{p{0.58in}p{0.81in}p{0.94in}p{1.05in}p{0.81in}p{0.7in}p{1.6in}}

\hline

%row no:1

\multicolumn{1}{|p{0.58in}}{\textbf{Test} \par \textbf{cas} \par \textbf{id} \par } &

\multicolumn{1}{|p{0.81in}}{\textbf{Test} \par \textbf{case} \par \textbf{Name} \par } &

\multicolumn{1}{|p{0.94in}}{\textbf{Description}} &

\multicolumn{1}{|p{1.05in}}{\textbf{Input}} &

\multicolumn{1}{|p{0.81in}}{\textbf{Expected} \par \textbf{output} \par } &

\multicolumn{1}{|p{0.7in}}{\textbf{Actual} \par \textbf{output} \par } &

\multicolumn{1}{|p{1.6in}|}{\textbf{Status}} \\

\hhline{-------}

%row no:2

\multicolumn{1}{|p{0.58in}}{\textbf{3.1}} &

\multicolumn{1}{|p{0.81in}}{\textbf{Register functionality}} &

\multicolumn{1}{|p{0.94in}}{\textbf{Go to} \par \textbf{site,do} \par \textbf{regis-} \par \textbf{tration for bank portal}} &

\multicolumn{1}{|p{1.05in}}{\textbf{Go to} \par \textbf{site,do} \par \textbf{regis-} \par \textbf{tration} \par \textbf{provide username } \par \textbf{email fname,lname password confirm password .Aadhaar or pan card image and face recognition } \par } &

\multicolumn{1}{|p{0.81in}}{\textbf{Welcome\ user to our bank Portal } \par } &

\multicolumn{1}{|p{0.7in}}{\textbf{Special} \par \textbf{char-} \par \textbf{acters} \par \textbf{also} \par \textbf{ac-} \par \textbf{cepted} \par } &

\multicolumn{1}{|p{1.6in}|}{\textbf{Failed(10/10/2019)} \par \textbf{At testing environment(Windows} \par \textbf{os (Chrome browser)} \par

\begin{Center}

\includegraphics[width=1.6in,height=1.97in]{./media/image1.png}

\end{Center}

\par } \\

\hhline{-------}

%row no:3

\multicolumn{1}{|p{0.58in}}{\textbf{3.2}} &

\multicolumn{1}{|p{0.81in}}{\textbf{Login} \par \textbf{functionality}} &

\multicolumn{1}{|p{0.94in}}{\textbf{Provide Email and Password generate OTP for 10 seconds valid } \par \textbf{verify a user as human}} &

\multicolumn{1}{|p{1.05in}}{\textbf{Enter} \par \textbf{user} \par \textbf{name} \par \textbf{and} \par \textbf{pass-} \par \textbf{word} \par } &

\multicolumn{1}{|p{0.81in}}{\textbf{User} \par \textbf{name} \par \textbf{should} \par \textbf{accept all} \par \textbf{aphanu-} \par \textbf{merics} \par \textbf{but no} \par \textbf{special} \par \textbf{charac-} \par \textbf{ters}} &

\multicolumn{1}{|p{0.7in}}{\textbf{Username or email is not registered with us} \par } &

\multicolumn{1}{|p{1.6in}|}{\textbf{Failed(10/10/2019)} \par \textbf{At testing environment(Windows} \par \textbf{os (Chrome browser)} \par

\begin{Center}

\includegraphics[width=1.6in,height=1.47in]{./media/image2.png}

\end{Center}

} \\

\hhline{-------}

\end{tabular}

\end{table}

%%%%%%%%%%%%%%%%%%%% Table No: 6 ends here %%%%%%%%%%%%%%%%%%%%

\vspace{\baselineskip}

\vspace{\baselineskip}

\printbibliography

\end{document}