Subject Code

Subject Name

Semester

Roll No

Name

Official Emailid

Semester:

Github URL:

Online URL : (http://...)

Googledrive URL:

**Lab 1:**

**Aim :**

To use HTML 5 and CSS 3 for the application and present the design aspects of the form.

To present data in terms of XML,XML DTD(Internal and External) ,XMl Schema

**Title of the Application:** THE Bank

**About the Application:**

The Bank provides a hassle free banking experience for customers which engages with a user friendly UI and goes on with an intuitive workflow to be self-explanatory to the users, provides easy transactions including deposits and with easy validations to ensure no lags in the process.

**List of products on the internet similar to this application:**

1. SBI
2. Bank of Baroda
3. Kotak Mahindra
4. Dhanlaxmi
5. Bank of America

**[Prepare the below based on the presentation submitted as ppt]**

**Table 1:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Application Name | Information related to the application  Technologies used:  For ex: Front End,Back end,stack technologies,Scripting Languages | Number of Web pages in the application | Unique features in the application | List of features that are unique for the users and its purpose |
| THEbank | Front end:HTML, CSS,Javascript | Total pages:7 | Easy walkthrough achieved through intuitive and user friendly design | Easy peer to peer payments to have lightning fast payments |
|  | Backend: MongoDB,Express.js | Completed:5 |  | Alerts and verification techniques to ensure security |
|  | Stack used: MEAN |  |  | Minimal but aesthetic UI for intuitive workflow. |
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:Features of the application being developed

|  |  |  |
| --- | --- | --- |
| Feature Name | Feature related to which application chosen [refer Table 1] | Feature related to which application chosen-related to user  [Refer Table 1] |
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Unique Features of the application being developed

[Provide features that are new to the application that do not exist in earlier application]

|  |  |  |
| --- | --- | --- |
| Feature Name | Feature related to  application | Feature related to User |
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| Cheque requistion |  |  |
| Deposit |  |  |
| Withdrawal |  |  |
| Contact us |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Module Details and form Details

|  |  |  |  |
| --- | --- | --- | --- |
| Module Name | Description  [As a paragraph] | Form Names-purpose of the form(Category-Master/Transaction form) | Specify the form name and CSS file name with the drive URL path |
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Table Details(Table 2)

|  |  |  |
| --- | --- | --- |
| Column Name | Attribute Type | Constraint |
|  |  |  |
|  |  |  |
|  |  |  |

Form Wise Details(Minimum 5 master forms and 3 forms per Master form) –refer Table 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Form Name | Description | Table Names related to the form | Features used in form related to HTML-5 (responsive design) | Features used in form related to CSS-3 (responsive design) | Form –Operations  (Add/Delete/Modify/View) |
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Report Details(Minimum 10 reports per application)

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| --- | --- | --- | --- |
| Report Name | Purpose | Inputs to be provided | Expected Output |
| Ex:  Booking\_Flightwise | To display the booking history for a flight | Date,time,flightid | It should display the flightwise seat availability category and its status.  For ex:  Flight Id : US\_101  Total Seats: 35  Seat 1-Passenger\_id(101)  Seat 2-  Passenger\_id(102) |
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Web Development Breakdown Diagram

[Present the form names in a hierarchical manner]

Note : Minimum 5 master forms and 3 forms per Master form

Minimum 10 reports

Explain the work flow of the diagram as it becomes functional as a application

Step 1: The users logs in with a user name and password

Step 2: The user can see the options:

Flight master :

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Step 3: On clicking Flight\_Master

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Screenshots of the forms:

XML

Guidelines

<<Complete the following for two forms in the application. The forms should have at least

7 inputs>>

1.Refer the XML DTD concepts in slide 52,53 and provide all possible constraints listed in XML DTD(Internal,External)

2.Represent all possible constraints with all possible datatypes in XML Schema file.

|  |  |  |
| --- | --- | --- |
| Element Name | Data Type | Constraint |
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|  |  |  |
|  |  |  |

Summary of Files

<<List all the HTML,CSS File,XML,XML DTD ,XML Schema files>>

|  |  |  |
| --- | --- | --- |
| FormName/CSS/XML/DTD/XSD Name | File Name | Additional Information |
|  |  |  |
|  |  |  |
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|  |  |  |