11.Designing An Application using Oracleform

Aim: To design an application with oracle Forms, Menus and Report involves creating a user interfer(UI) using Interface and generating reports using Report Builders

Install Oracle Forms and Report Builder.

Ensure that the orace forms and Report Builder installed on your development machine

Design the datamodel:

In oracle Forms to define the data model that connects to the database schema. Use the Data Block wizard to create data blocks that represent the tables or views. Ensure that the set up data blocks, for all the data to need to work with in the application

Create Menus:

Menus provide the navigation structure for application. To create menus in oracle.

Forms:

Step 1 : Open Oracle From Builder.

Step 2 : creak a new form for menu or use an existing one

Step 3 : Add menu items for each function or features of application.

Step 4 : Define the menu hierarchy and assign triggers or procedure to handle menu item actions

Step 5 : complete and run the menu from to test the navigation

Design Forms:

Forms are used to capture, display, and edit data. To design form in oracle forms:

Step 1 : Creak a new form for each major component of application

Step 2 : Add form elements like text fields, buttons, and lists to forms.

Step 3 : use the Property Plate tte to configure the properties of form elments and data blocks

Step4: Write PL/SQL code to handle business logic and data validation

Step5: Test the form within the form Builder environment.

Reports Provide a way to Present data from application. To Create reports using Oracle Report Builder.

Step1: Open Oracle Report Builder.

Step2: Create a new report Or use an existing one

Step3: Define the data source for the report

Step4: Design the report layout, including headers, footers, and data Columns

Step5: Add report parameters if needed to allow user to Customize report

Step6: Create a preview the report to ensure it meets the requirements.

Result: Thus designing an application with oracle forms, Menus and Report Builder involves Creating a user interface (UI) using forms and generating reports using Report Builder has done Successfully.