

EXP NO 1: CREATE A SIMPLE CLOUD SOFTWARE APPLICATION AND PROVIDE IT AS A SERVICE USING ANY CLOUD SERVICE PROVIDER TO DEMONSTRATE SOFTWARE AS A SERVICE (SAAS).

AIM: The aim of this project is to develop a simple cloud software application and provide it as a service using any cloud service provider to demonstrate Software as a Service (SaaS) model. The application will be accessible over the internet, allowing users to utilize its functionality without needing to install or maintain the software on their local machines.

PROCEDURE:

1. Choose Application: Select a simple software (e.g., task manager).
2. Design & Develop: Create the application with necessary features.
3. Containerize: Package the application with Docker for easy deployment.
4. Select Cloud Provider: Choose a cloud service provider.
5. Deploy Application: Use the cloud provider's services to host the application.
6. Set Up Domain: Assign a domain name to the application.
7. Implement Security: Ensure SSL/TLS encryption and access control.
8. Monitoring: Set up monitoring tools for performance tracking.
9. Testing: Conduct thorough testing for functionality and security.
10. Result: Users can access and use the application online.

The screenshot displays a web application interface for 'Booking Movie Ticket'. On the left, a dark sidebar contains a menu with 'User Details' selected. The main content area features a 'user details' form with the following fields: 'Name' (split into 'First Name' and 'Last Name'), 'Phone' (with a country code dropdown set to '+91' and a value '81234 56789'), 'Email', 'Date-Time' (with a date picker set to '01/01/2020 10:00:00'), 'Theatres' (split into 'First Name' and 'Last Name'), and a 'Drop Down' menu currently set to 'Select'. At the bottom of the form are 'Submit' and 'Reset' buttons. On the right, a 'Form Customization - Web' sidebar shows 'Label placement' options with various input field templates.

Booking Movie Ticket
user details

Basic Fields

- Name
- Email
- Address
- Phone
- Single Line
- Multi Line
- Number
- Date
- Time
- Drop Down

Field Properties

Field name: Name

Field link name: Name

Validation: ☐ Mandatory

Display Fields: ☐ Prefix, ☒ First Name, ☒ Last Name, ☐ Suffix

Data Privacy

RESULT:

- The task management application is accessible online via a provided domain.
- Users can securely sign up, log in, and manage tasks.
- The application is scalable, reliable, and secure.
- Monitoring ensures smooth operation and quick issue resolution.
- Demonstrates Software as a Service (SaaS) model effectively.