



CEBU INSTITUTE OF TECHNOLOGY
UNIVERSITY

IT342-G5

SYSTEMS INTEGRATION

AND ARCHITECTURE 1

FUNCTIONAL REQUIREMENTS SPECIFICATION (FRS)

Project Title:

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Introduction

1.1. Purpose Describe the purpose of the system and the intended audience.

Describe what the system will do and its boundaries.

1.2. Definitions, Acronyms, and Abbreviations

List and define important terms used in this document.

2. Overall Description

2.1. System Perspective

Describe how the system fits into a larger context or environment.

2.2. User Classes and Characteristics

Identify the different types of users and their characteristics.

2.3. Operating Environment

Specify the hardware, software, and tools required to operate the system.

2.4. Assumptions and Dependencies

List any assumptions and external dependencies that may affect the system.

3. System Features and Functional Requirements

Describe each major feature of the system and its functional requirements.

3.1. Feature 1:

Description:

Functional Requirements:

-

-

-

3.2. Feature 2:

Description:

Functional Requirements:

-

-

-

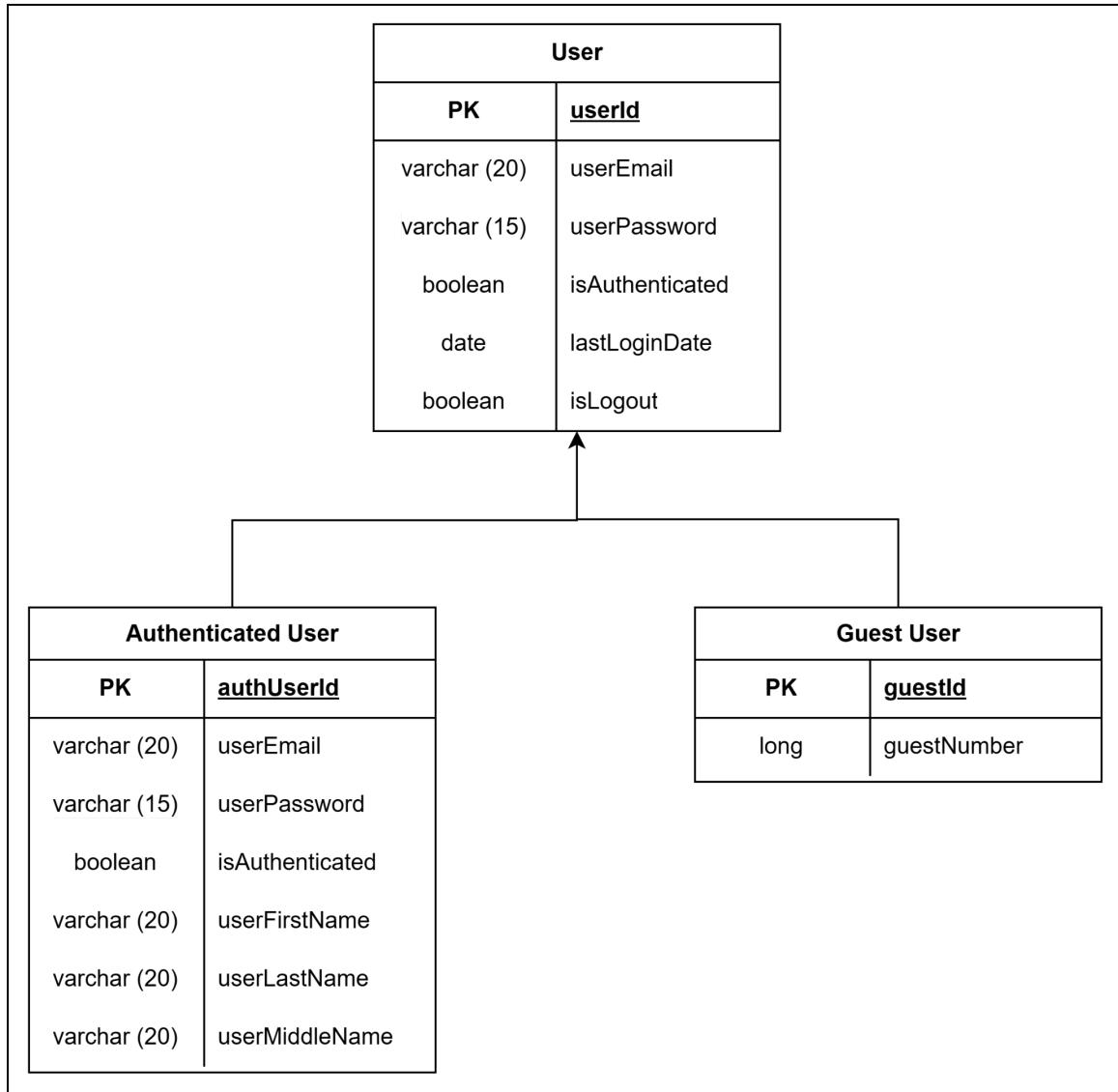
4. Non-Functional Requirements

Specify system quality attributes such as performance, security, usability, reliability, etc.

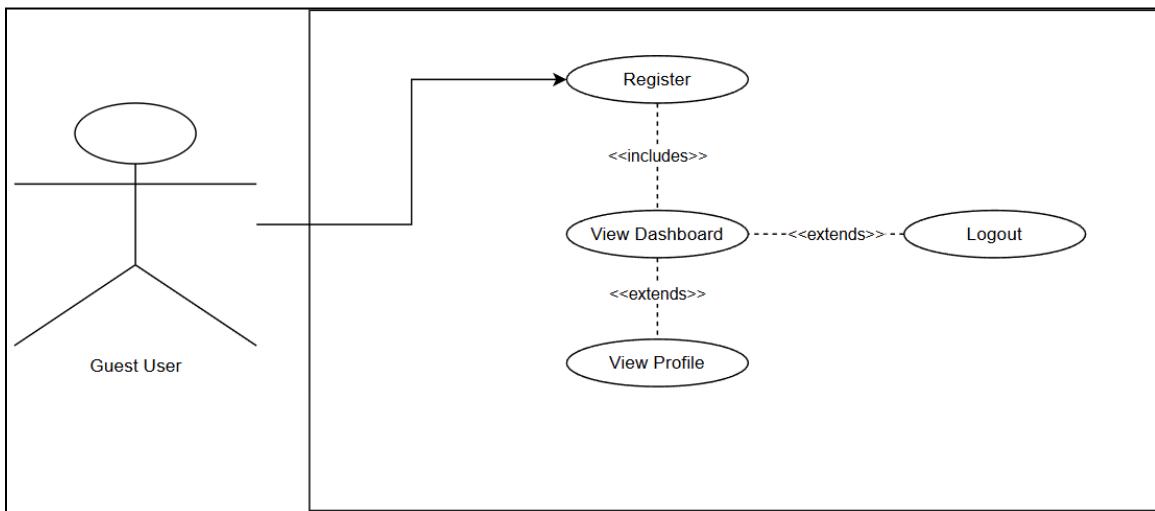
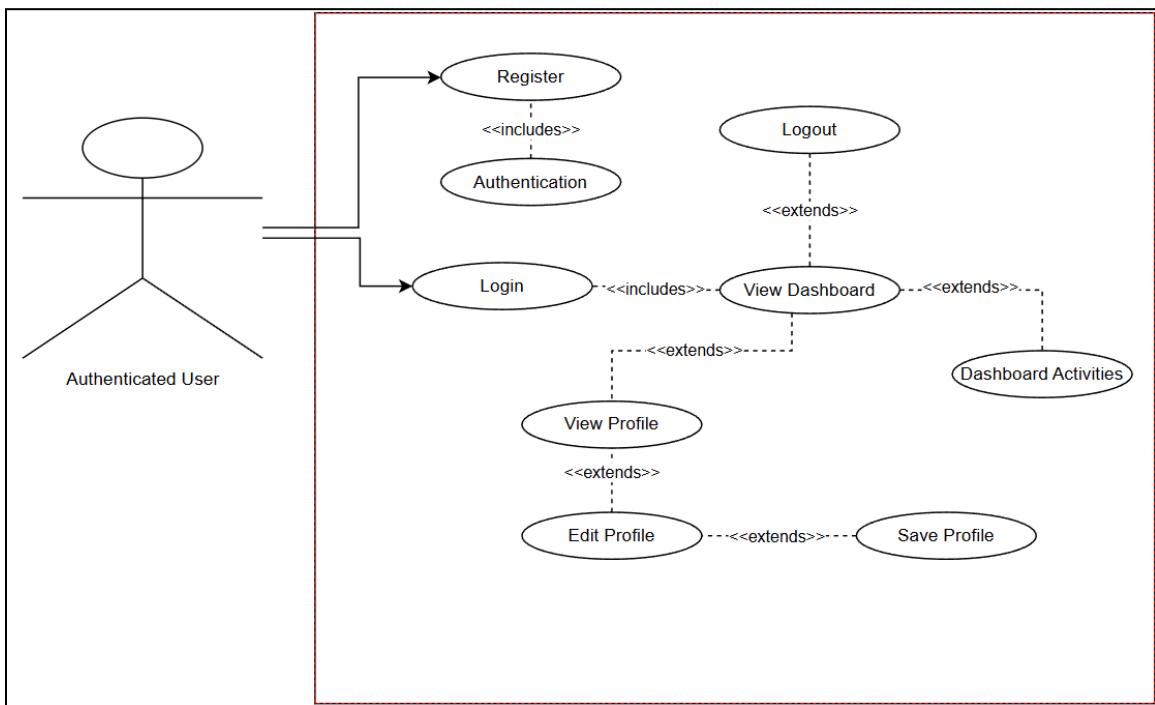
5. System Models (Diagrams)

Insert the necessary diagrams for the system:

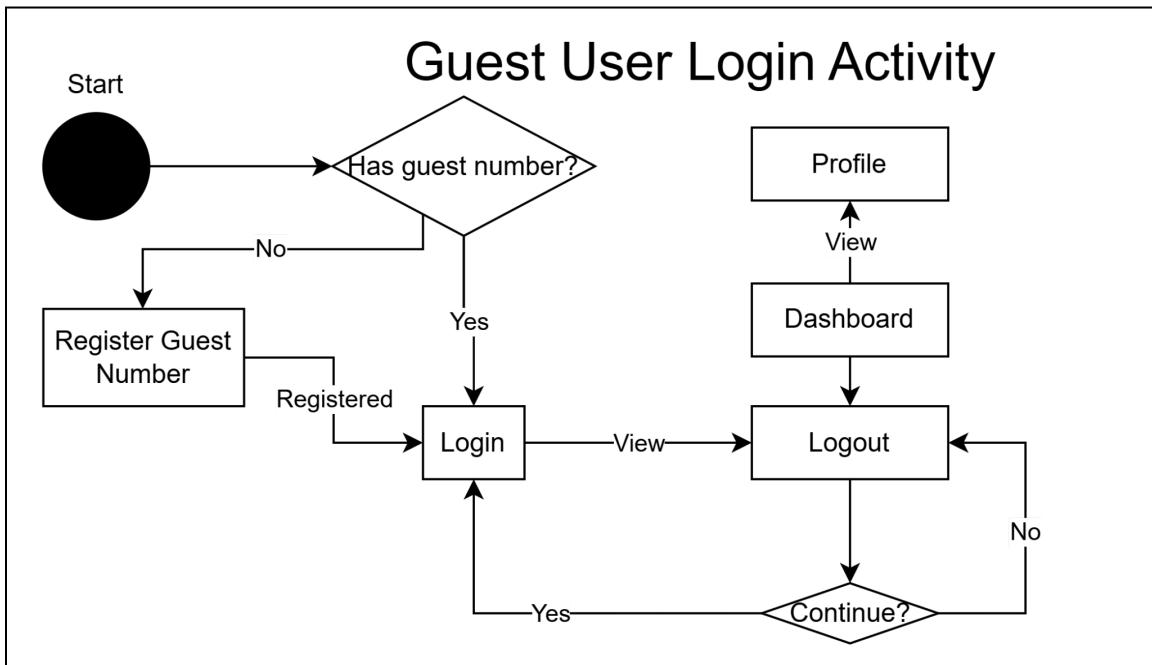
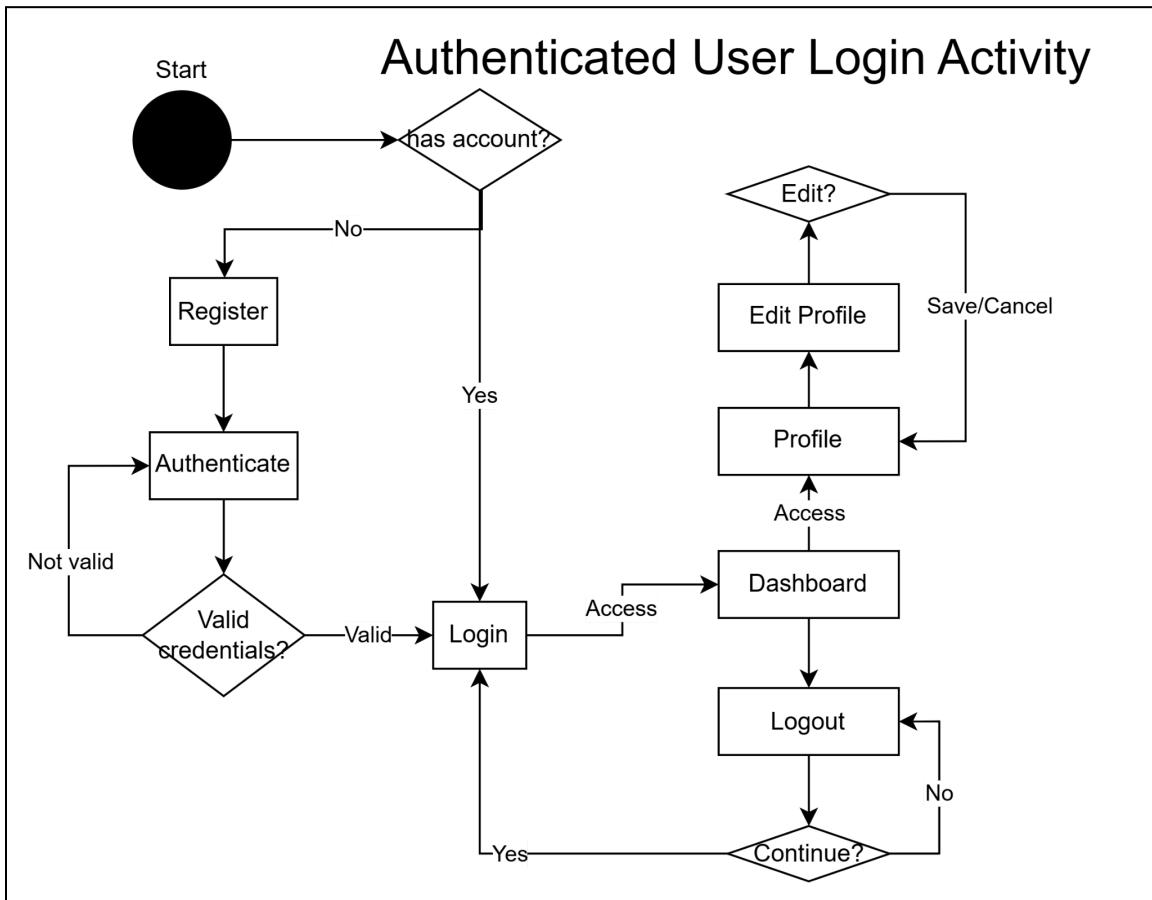
5.1. ERD



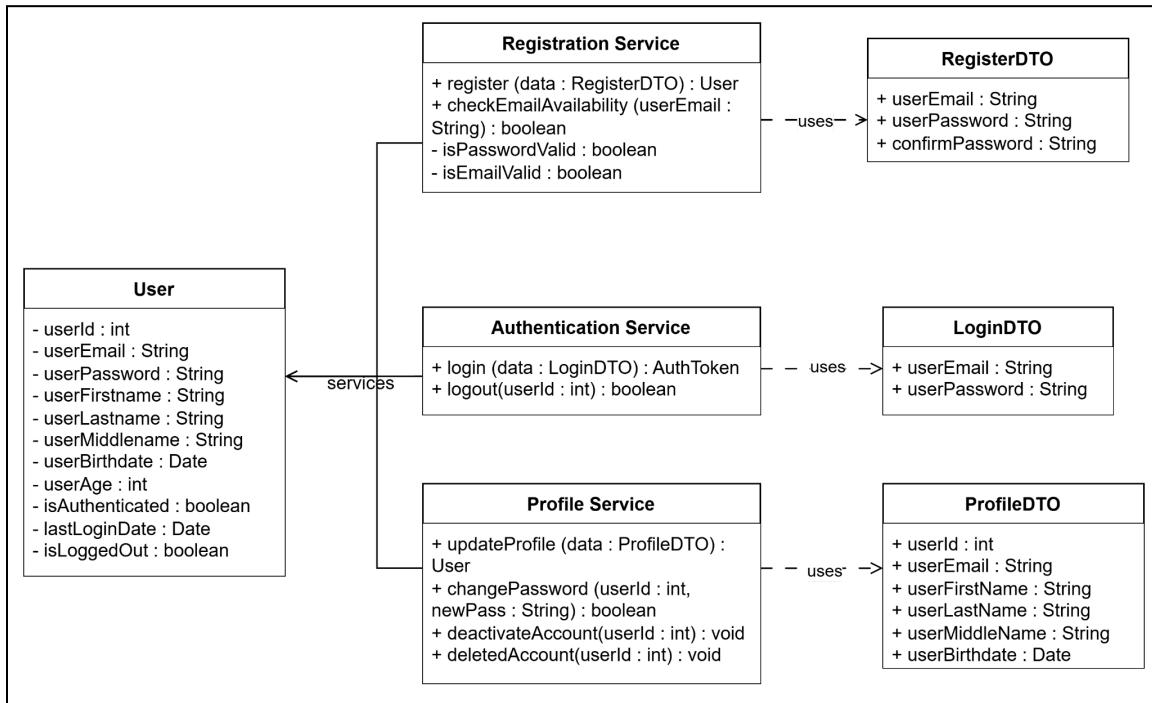
5.2. Use Case Diagram



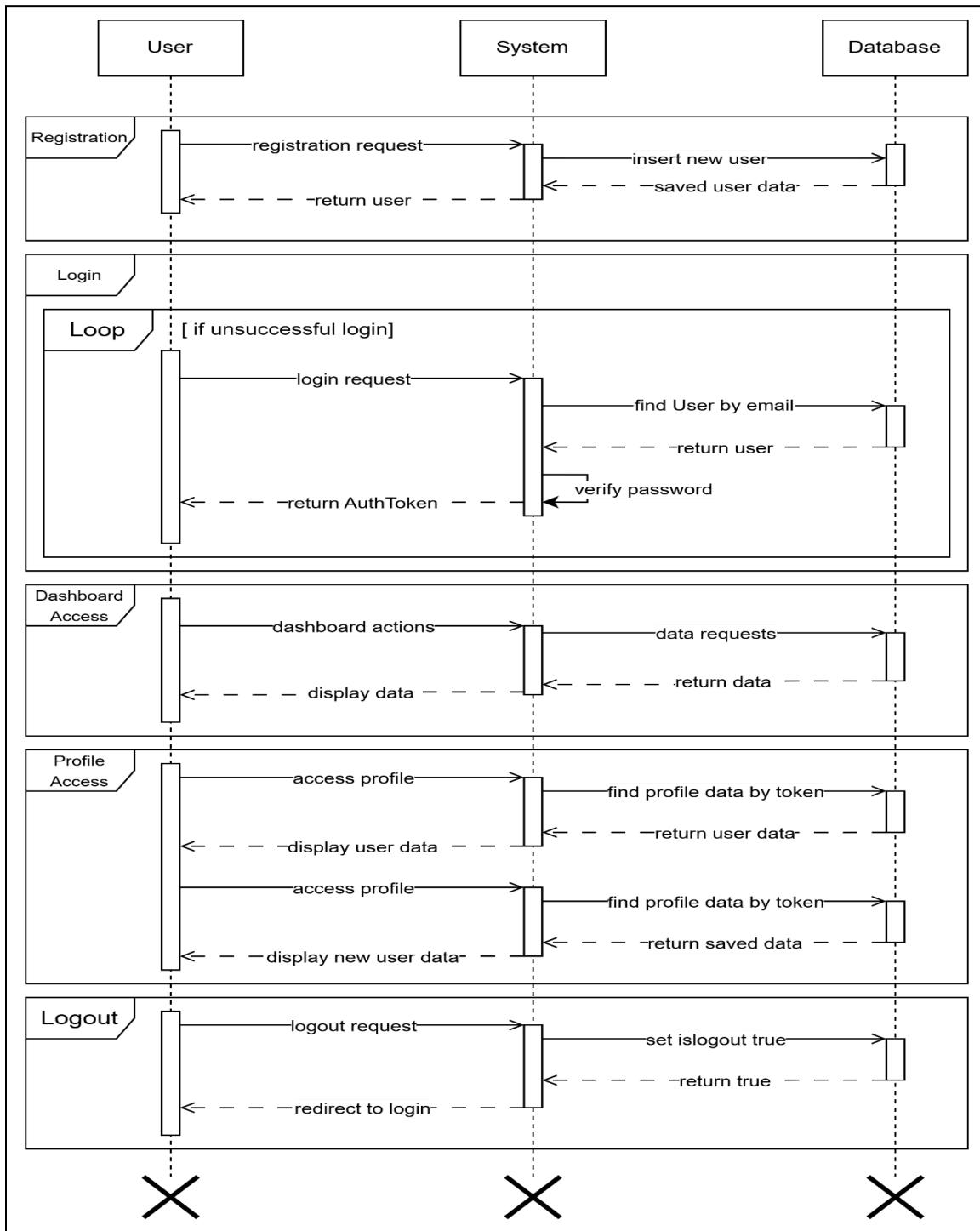
5.3. Activity Diagram



5.4. Class Diagram



5.5. Sequence Diagram



6. Appendices

Include any additional information, references, or support materials.

Login Page

To exit full screen, press and hold Esc

Welcome

Access your dashboard and manage your services efficiently from your desktop.

Login

Please enter your details to sign in.

Email Address
name@company.com

Password

Sign In

Continue as Guest

Don't have an account? [Register](#)

Register Page

Join Us

Create an account to start managing your portal services today.

Create Account

Fill in the information below to get started.

Full Name
John Doe

Email Address
name@company.com

Password
Minimum 8 characters

Create Account

Already have an account? [Login](#)

Dashboard

The screenshot shows the 'Dashboard' page. On the left is a dark sidebar with the application name 'Application Name' at the top. Below it are links: 'Dashboard' (which is highlighted in blue), 'Profile', 'SERVICES', and 'Logout'. At the bottom of the sidebar is the text 'v1.0.0 Desktop'. The main content area has a header 'Dashboard Overview' and a user profile section in the top right corner showing a placeholder 'John Doe' and a blue circular icon with 'JD'. The main content area contains a large dashed rectangular placeholder with the text 'Dashboard: Statistics and Overview will go here.'

Profile Page

The screenshot shows the 'User Profile' page. The layout is similar to the dashboard, with a dark sidebar on the left containing the application name 'Application Name', 'Dashboard' (highlighted in blue), 'Profile', 'SERVICES', and 'Logout'. At the bottom of the sidebar is the URL 'localhost:3000/profile'. The main content area features a 'User Profile' header and a form with fields for 'Full Name' (set to 'John Doe'), 'Email Address' (set to 'john.doe@example.com'), 'Birthdate' (set to '01/01/1995'), and 'Age' (set to '31'). A 'Edit Profile' button is located at the bottom of the form.