Screenshots-Payroll Management System

1. INSERT Operation

Graphical user interface, application

Description automatically generated

Fig 1.1: Home Page for employee table – Click on “Add Employee”Graphical user interface

Description automatically generated with medium confidence

Fig 1.2: Employee Add Page – Enter in Employee details

Table

Description automatically generated

Fig 1.3: Click on “Save Employee”

Graphical user interface

Description automatically generated with medium confidence

Fig 1.4: Home Page – Inserted successfully

1. DELETE Operation

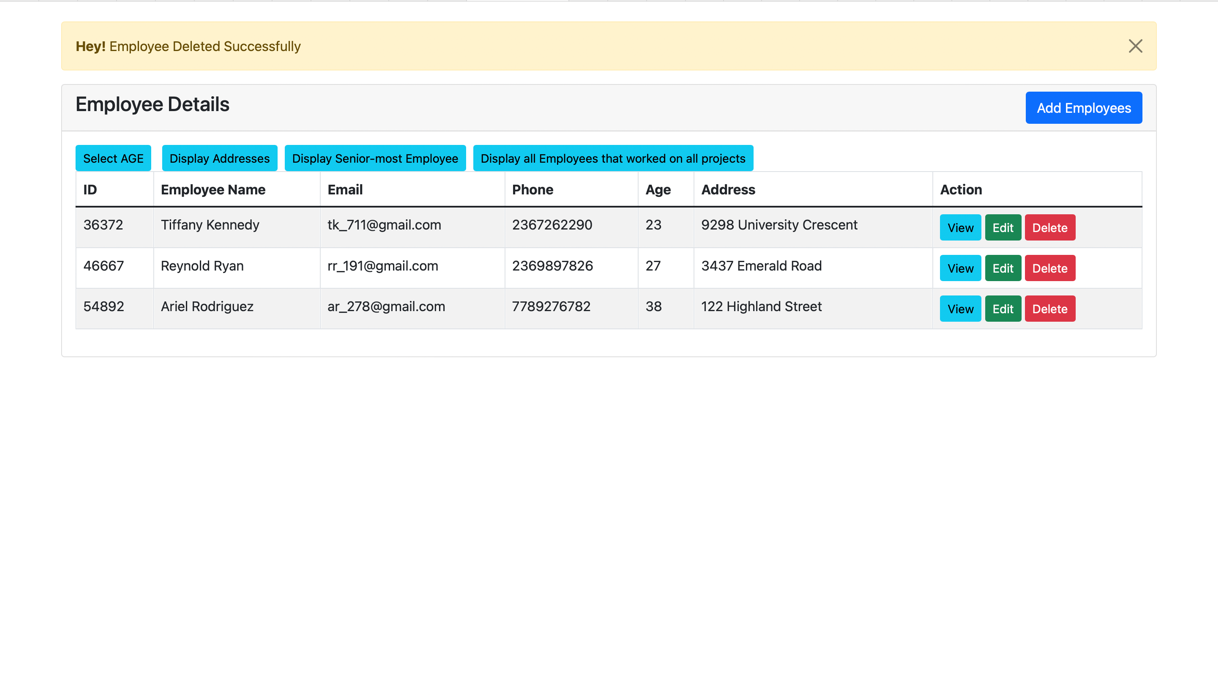


Fig 2.1: Click on “Delete” button, deletion successful

1. UPDATE Operation

Graphical user interface, application

Description automatically generated

Fig 3.1: Home Page – Click on “Edit” button

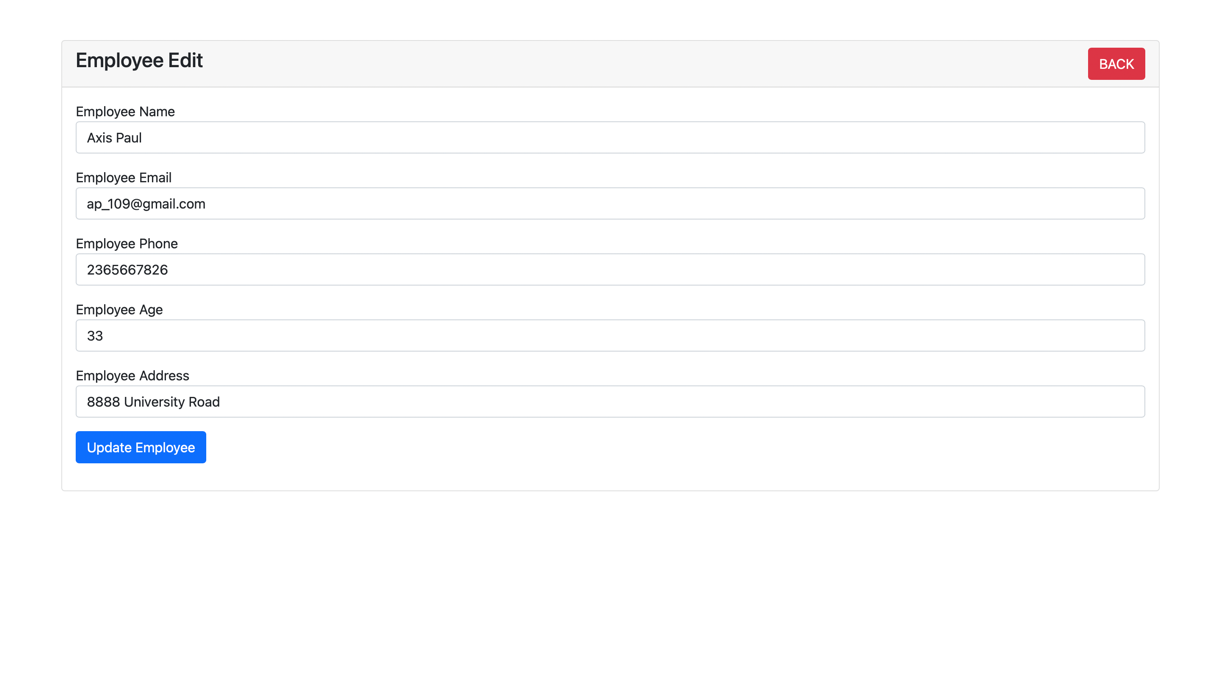


Fig 3.2: Update Employee details – Click on “Update Employee”

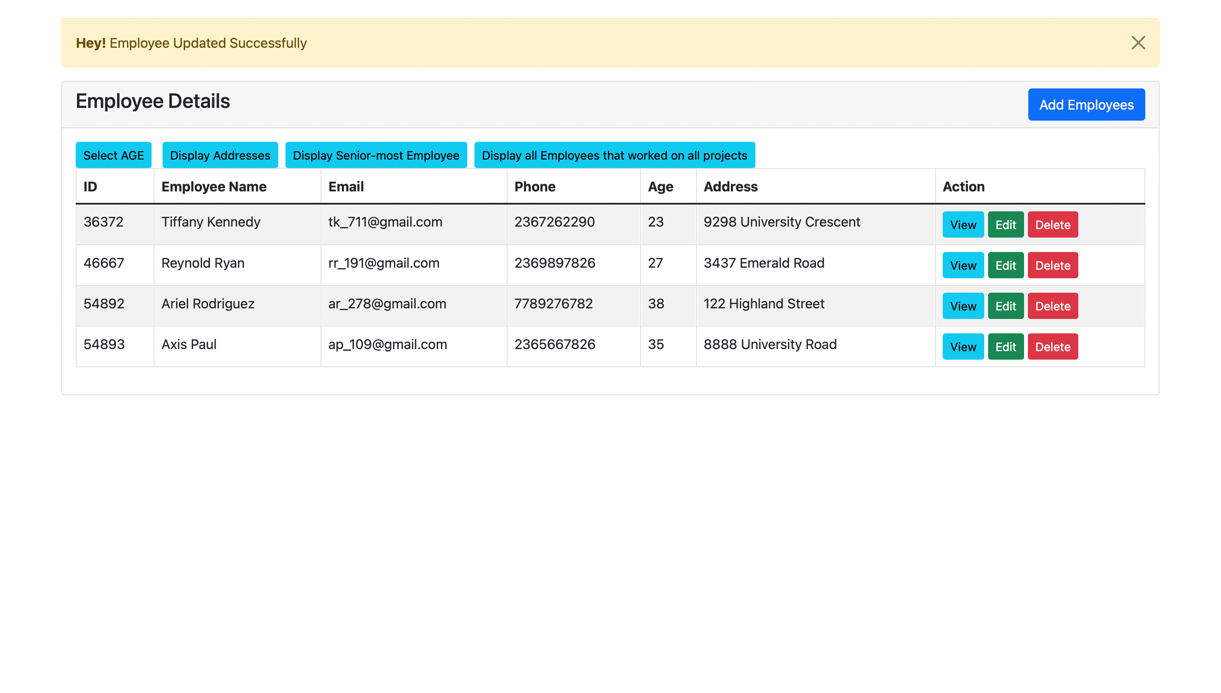


Fig 3.3: Home Page - Updated Successfully

1. SELECTION

Graphical user interface, text, application

Description automatically generated

Fig 4.1: Click on “Select AGE” – All employees displayed whose AGE >= 25

1. PROJECTION

Graphical user interface, text, application

Description automatically generated

Fig 5.1: Click on “Display Addresses” – All addresses displayed

1. JOIN Query

Table

Description automatically generated

Fig 6.1: Home Page for project\_works\_on table

Graphical user interface, text, application, email

Description automatically generated

Fig 6.2: Click on “Display Projects under employees” – joins employee table and project\_works\_on table through id

1. AGGREGATION Query

Graphical user interface, text, application

Description automatically generated

Fig 7.1: Click on “Display Senior-most Employee” – Max query on age

1. Nested Aggregation with GROUP-BY

Graphical user interface, text, application, email

Description automatically generated

Fig 8.1: Click on “Display # by status” – Grouped by Active status (3 non active projects, 1 active project)

1. DIVISION Query

Graphical user interface, application

Description automatically generated

Fig 9.1: Click on “Display all Employees that worked on all projects” – no records found