

MUSIC RECORDING STUDIO



श्रद्धावान् लभते ज्ञानम्

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INDEX

- [Abstract](#)
 - [Features of application](#)
 - [Requirements](#)
- [Use Cases](#)
 - [Actors](#)
 - [Use case description](#)
 - [Use case diagram](#)
- [Class Diagram](#)
- [UI](#)
 - [Features](#)
 - [Brief ui](#)
 - [Checking database](#)
 - [Welcome panel](#)
 - [User profile](#)
 - [Constraints](#)
 - [Add](#)
 - [Add Employee](#)
 - [Add Artist](#)
 - [Add Album](#)
 - [Add song](#)
 - [Add musician](#)
 - [Update](#)
 - [Update artist](#)
 - [Update Album](#)
 - [Update song](#)
 - [Update musician](#)
 - [Update employee](#)
 - [Remove](#)
 - [Remove artist](#)
 - [Remove Album](#)
 - [Remove song](#)
 - [Remove musician](#)
 - [Remove employee](#)
 - [Search](#)
 - [Search artist](#)
 - [Search Album](#)
 - [Search song](#)
 - [Search musician](#)
 - [Search employee](#)

ABSTRACT:

Our main aim is to develop a lightweight java application where employees of the music recording company can access the metadata of the company and modify accordingly. Our application provides a pleasant GUI where users find easy and flexible to use.

Features of application:

- **Authorization:**
 - We have included login panel to add extra layer security for database.
- **Admin account:**
 - We included special profile where admin can add or remove employees in company
 - Only admin can delete data in database for security reasons.
- **pgAdmin:**
 - We have used best database server.
- **Other features:**
 - Updating database.
 - Add or removing artists.
 - A simplified GUI to explore data more easily.

Functional Requirements of the System: -

The functional requirements of our system:

1. Employee has login credentials already.
2. Employee must login to the system to access his/her main page.
3. Admin can view personal details and can update the details of employee.

Use cases:

1. Authentication
2. Retrieve database
3. Update
4. Delete
5. Record details
6. Exit

Actors:

Small description of actors:

1. **User:** user is person to perform authentication and it had been divided into two main divisions to perform tasks
2. **Admin:** The admin has a special role to access the system features, functions and data. another important role of admin is to add or delete employee.
3. **Employee:** collect data from database and updates the data.

Use Case Description:

- **Add/Remove users (By admin)**

Use case ID	Admin
Brief description	The user can get access to the system using username and password.
Primary actors	Admin
Precondition	User already contain the required credentials to login.
Post condition	Admin updates the database
Main success Scenario	Admin can add or delete employees.
Actor Action	System response
1. The admin enters login credentials and clicks on login button.	2. Performs validation of login credentials. If valid user, provides access.
3.after getting access admin can add or remove employees	4.checks and add/remove employees in database
Alternate flow	2a. If not a valid admin, cannot go through further process

- **Employee's login**

Use case ID	Employee
Brief description	The Employee works on a database
Primary actors	Employee
Precondition	The Employee must have registered earlier. The admin can be used to find this.
Post condition	Employee should update database
Main success Scenario	Employees get access and can perform changes in database
Actor Action	System Response
1. The employee gets access by logging in using required credentials.	2. employee can be able to see the profile and different activities
3.Clicks on the desired tab	4.opens a new page
5.And perform suitable actions.	
Alternate flow	
	2a. If the credentials entered by employee are incorrect, cannot access the next page

- Authentication**

Use case ID	Authentication
Brief description	The user can get access to the system using username and password.
Primary actors	user
Precondition	User already contains the required credentials to authenticate
Post condition	If the credentials are correct, they can get access
Main success Scenario	Authorization success
Actor Action	System response
1. The user enters login credentials and clicks on login button.	2. Performs validation of login credentials. If valid user, provides access.
3.after authentication they can go to further process	
Alternate flow	2a. If not a valid admin, cannot go through further process

- Updating the database:**

Use case ID	update
Brief description	Updates perform some valid changes in database
Primary actors	Employee
Precondition	The information must already be stored
Post condition	The employee updates the database accordingly
Main success Scenario	The changes will be done in database
Actor Action	System Response
1. after getting access employee can update the database	2. click on update
3.and perform work	4.comes out from update page
Alternate flow	if any fields are entered incorrectly. The update will not work

- **Adding new album:**

Use case ID	Add new albums
Brief description	The employee can add the data into the database.
Primary actors	Employee
Precondition	The data regarding albums must already be present
Post condition	Employees add new albums to database
Main success Scenario	Employee can update any type of changes in the database.
Actor Action	System Response
1. employee enter new album data and clicks the add button	2. then add the new data is added to database.
Alternate flow	Album won't be added to database if data is not valid.

- **Exploring or searching Albums:**

Use case ID	Retrieve data
Brief description	The employee can retrieve data from the database.
Primary actors	Employee
Precondition	The data must already be present
Post condition	Employee retrieve data from database
Main success Scenario	Employee can make any type of change in the database.
Actor Action	System Response
1. employee clicks the button retrieve	2. then add the new data is added to database.

- **Adding new artist:**

Use case ID	Add new artist
Brief description	The employee can add the data into the database.
Primary actors	Admin
Precondition	The data regarding artist must already be present
Post condition	Employees add new albums to database
Main success Scenario	Employee can update any type of changes in the database.
Actor Action	System Response
1. employee clicks the button add	2. then add new artist the new artist is added to database.
Alternate flow	Artist won't be added to database if he/she Already in database.

- **Adding or removing employees:**

Use case ID	Add or remove users
Brief description	The admin can add or delete users
Primary actors	Admin
Precondition	The data users must already be present to remove
Post condition	Admin add or delete user from database
Main success Scenario	Admin can perform any changes regarding users
Actor Action	System Response
1. admin check the information about users	2. Database will be updated accordingly.
Alternate flow	Data won't be updated if not present already.

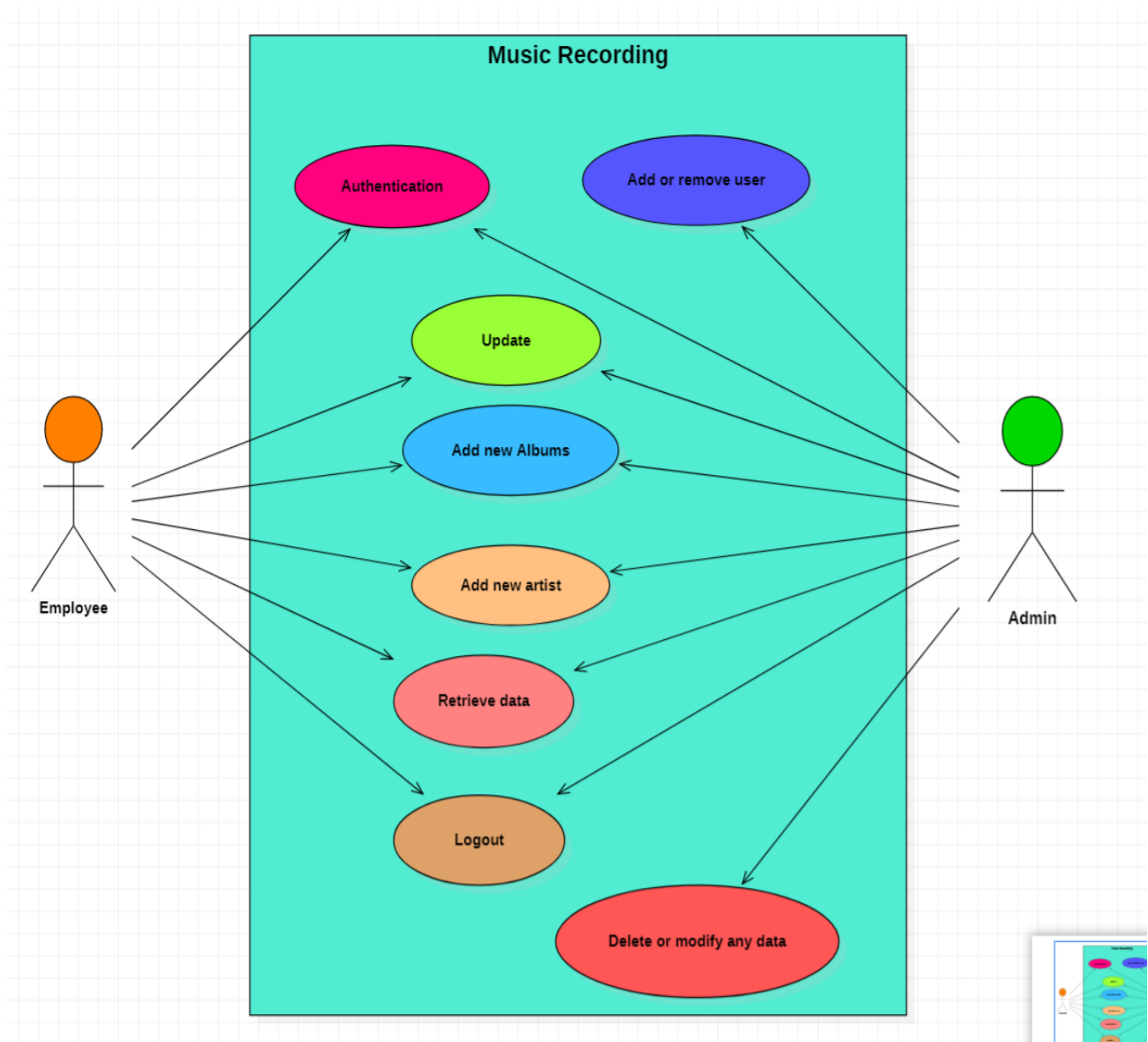
- **Deleting data from database:**

Use case ID	Delete or modify any data
Brief description	Only admin can delete data
Primary actors	Admin
Precondition	The data must already be present.
Post condition	Admin add or deletes data into database
Main success Scenario	Admin can perform any changes regarding data
Actor Action	System Response
1. admin check the information about data	2. then perform required the changes.

- **Signing off:**

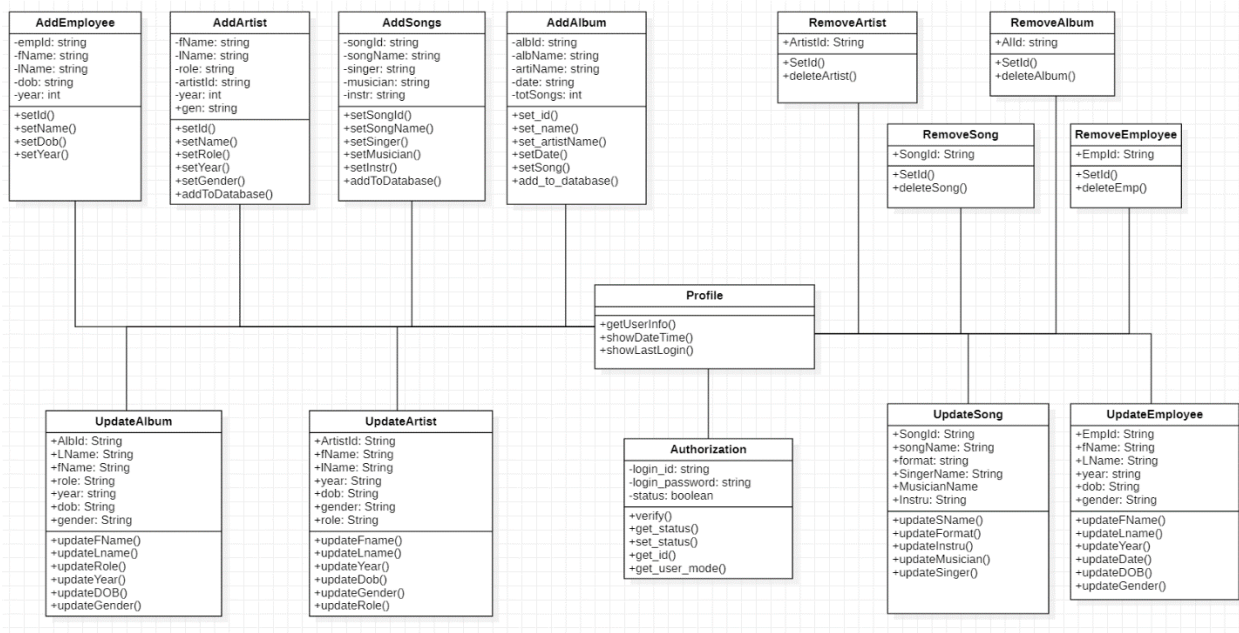
Use case ID	logout
Brief description	After performing certain works user can logout
Primary actors	user
Precondition	User already completed work
Post condition	User can exit
Main success Scenario	Logout success
Actor Action	System Response
1. the user perform all the modifications	2. exit the system

Use case Diagram:



A user case diagram depicts the various actions done by users.

Class Diagram:

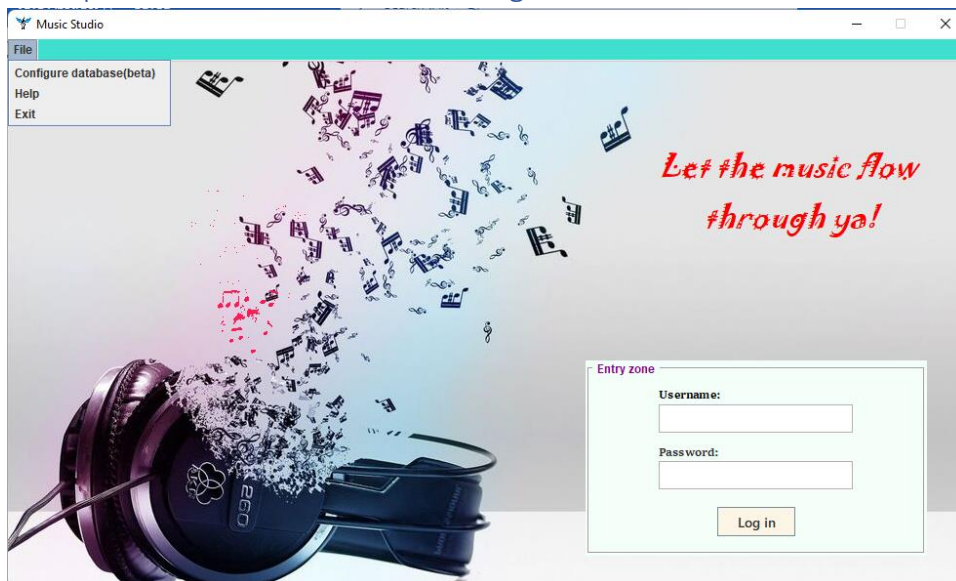


User Interface Design:

Features:

- All images in application are loaded from GitHub to overcome the need of changing local directory of all images
- We have added database configuration panel that make sure we need not to change configuring details of postgres and acts as a security layer.

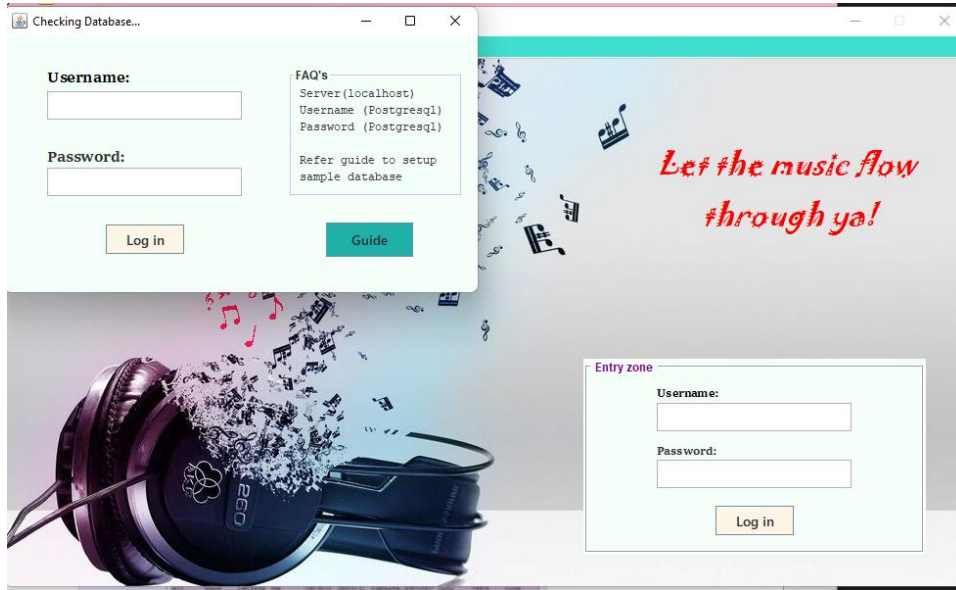
A simple and brief user interface diagram....



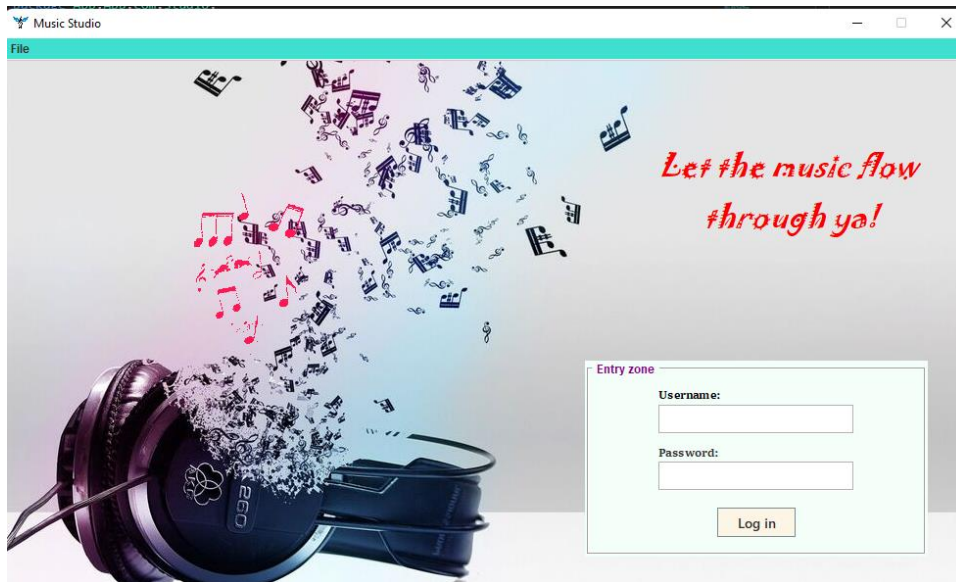
At top left corner we have file which has Configure database, help and exit features.

- **Configure database:** To get access first employee must configure the database (connect with database we need to login using our postgres credentials).
- **Help:** Redirects us to GitHub.
- **Exit:** Ensures you to exit the page.

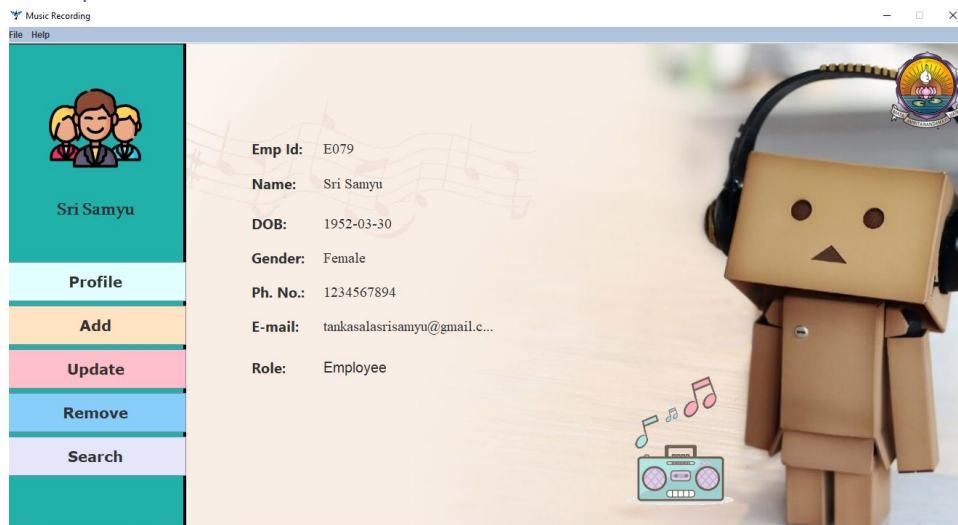
Checking Database:



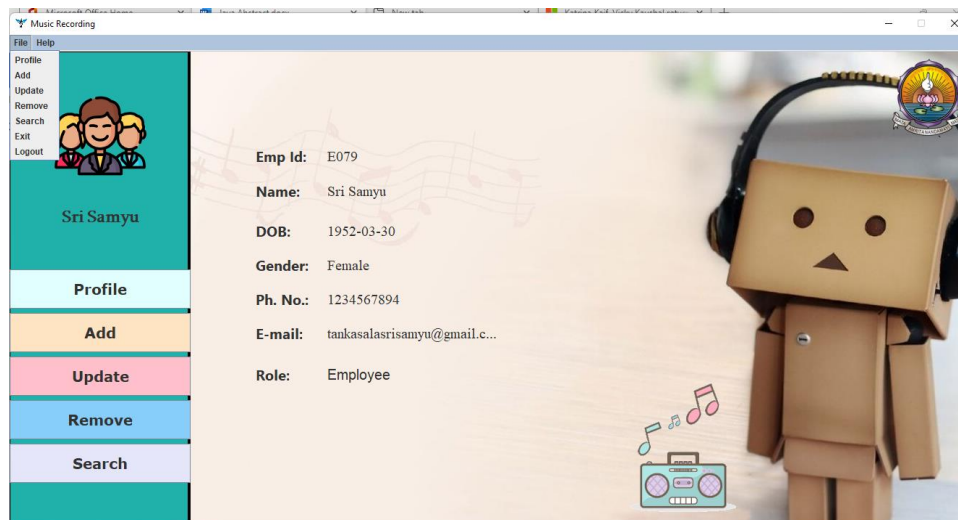
Welcome panel:



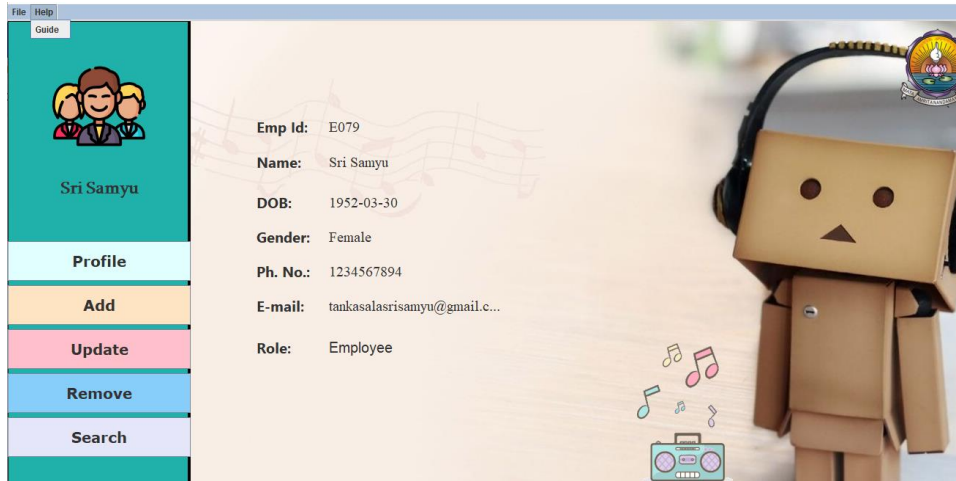
User profile:



In profile we find the details of employee or admin



On jmenu we can find file and help file gives all the information of pannels as by clicking particular pannel it directs to respective pannel.



By clicking help it opens guide which redirects to GitHub account it is simple guide to get to know about our project details.

Constraints

Note: Employees can only have access to perform changes regarding artist, album, songs, musician whereas admin can also control employee details besides performing all the tasks.

***Add or remove employees (only accessed by admin)**

Employees or admin can add the appropriate details according to the information given in use cases.

There are some conditions for filling in the details. They are:

(All this validations are shown by small dialogue box with respective errors)

1. The name must be greater than 3 characters.
2. There is date validator which validates date .
3. email should be in proper format like [name@gmail.com](mailto:username@gmail.com) which matches regex expression below

```
"^[\\w!#$%&'*/+=?`{|}~^-]+(?:\\.[\\w!#$%&'*/+=?`{|}~^-]+)*@(?:[a-zA-Z0-9-]+\\.[a-zA-Z]{2,6})$"
```

4. Mobile number must be exactly 10 numeric digits
5. Zip code must contain 6 numeric digits.
6. Salary validator which takes only numeric values.
7. And there is role validator which confirms whether role is selected or not.

The id is generated by system according to the data in the database

ADD

Add Employee by admin:

Music Recording

File Help

Add Artist Add Musician Add Album Add Songs Add Employee

Purushottam Reddy

Profile Add Update Remove Search

Emp ID Will be given by System Role Admin

First Name Vaishu Last Name Garrepalli

Gender ☐ Male ☒ Female ☐ Other

DOB DD: 27 M: 7 YYYY: 2002

Joined Date DD: 31 M: 7 YYYY: 2020

E-Mail vaishnavigarrepalli@gmail.com

Mob No. 7989482582 City Warangal

Zip Code: 506132

Salary 50000

Conditions

- *fname and lname must be more than 3 characters
- *mobile number should have exactly 10 numeric digits
- *Pincode should have exactly 6 numeric digits
- *Salary should be numeric

Add to Database

Add artist:

Music Recording

File Help

Add Artist Add Musician Add Album Add Songs

Sri Samyu

Profile Add Update Remove Search

Artist ID Will be given by system Role --Select--

First Name Last Name

Gender ☒ Male ☐ Female ☐ Other

DOB DD: --Select-- M: --Select-- YYYY: --Select--

Joined Date DD: --Select-- M: --Select-- YYYY: --Select--

E-Mail

Mob No. City

Zip Code:

Conditions

- *fname and lname must be more than 3 characters
- *mobile number should have exactly 10 numeric digits
- *Pincode should have exactly 6 numeric digits
- *Salary should be numeric

Add to Database

Add album:

The screenshot shows the 'Add Album' form in the Music Recording Studio application. The interface includes a sidebar with a user profile for 'Sri Samyu' and navigation buttons: Profile, Add, Update, Remove, and Search. The main form area has tabs for 'Add Artist', 'Add Musician', 'Add Album' (selected), and 'Add Songs'. The 'Add Album' form contains the following fields: 'Album Id' (a disabled field with the text 'Will be given by system'), 'Album Name' (a text input field), 'Artist id' (a text input field), and 'Created on' (three dropdown menus for DD, M, and YYYY, each with '--Select--' as the current selection). An 'Add to Database' button is located at the bottom right of the form.

Add songs:

The screenshot shows the 'Add Songs' form in the Music Recording Studio application. The interface is similar to the 'Add Album' form, with the same sidebar and navigation buttons. The 'Add Songs' form has tabs for 'Add Artist', 'Add Musician', 'Add Album', and 'Add Songs' (selected). The form contains the following fields: 'Album Id' (a text input field), 'Song Id' (a disabled field with the text 'Will be given by system'), 'Song Name' (a text input field), 'Vocalist Id' (a text input field), 'Musician Id' (a text input field), and 'Format' (a dropdown menu with '--Select--' as the current selection). An 'Add to Database' button is located at the bottom right of the form.

Add musician:

The screenshot shows the 'Add Musician' form in the Music Recording Studio application. The interface is similar to the other forms, with the same sidebar and navigation buttons. The 'Add Musician' form has tabs for 'Add Artist', 'Add Musician' (selected), 'Add Album', and 'Add Songs'. The form contains the following fields: 'Album Id' (a text input field), 'Song Id' (a disabled field with the text 'Will be given by system'), 'Song Name' (a text input field), 'Vocalist Id' (a text input field), 'Musician Id' (a text input field), and 'Format' (a dropdown menu with '--Select--' as the current selection). An 'Add to Database' button is located at the bottom right of the form.

Update

Employees or admin can update the details of respective use cases.

There are two features in Update. We can get the details of respective id either by clicking the Get Data button or moving the focus to another box.

Update Artist:

Music Recording Studio

File Help

Update Artist | Update Musicaian | Update Album | Update Songs | update Employee

Role: Lirycist | Artist ID: A001 | Get Data

First Name: Rob | Last Name: Start

Gender: ☒ Male ☐ Female ☐ Other

DOB: DD: 5 | M: 12 | YYYY: 1958

Joined Date: DD: 6 | M: 8 | YYYY: 2002

E-Mail: rob12@gmail.com

Mob No.: 9494959158 | City: winterfall

Zip Code: 514896

Conditions:

- *the moment focus lost in id box data will be updated
- *fname and lname must be more than 3 characters
- *mobile number should have exactly 10 numeric digits
- *Pincode should have exactly 6 numeric digits
- *Salary should be numeric

Add to Database

Update Musician:

Music Recording Studio

File Help

Update Artist | Update Musicaian | Update Album | Update Songs | update Employee

First Name: John | ID: M001 | Get Data

Last Name: Snow

Gender: ☒ Male ☐ Female ☐ Other

DOB: DD: 5 | M: 12 | YYYY: 1958

Joined Date: DD: 6 | M: 8 | YYYY: 2002

E-Mail: rob12@gmail.com

Mob No.: 1234567891 | City: Winterfall

Zip Code: 514896

Instruments: piano, flute

Conditions:

- *the moment focus lost in id box data will be updated
- *fname and lname must be more than 3 characters
- *mobile number should have exactly 10 numeric digits
- *Pincode should have exactly 6 numeric digits
- *Salary should be numeric

Add to Database


Update Album:

In update album once if we give album id all the information(songs) regarding album will be displayed in below workspace.

Music Recording

File Help

Update Artist Update Musicaian Update Album Update Songs update Employee

 Vaishnavi Garrepalli

Profile

Add

Update

Remove

Search

Album Name Nevermind Album Id Ab001 Get Data

Artist Id A001

Created on DD: 15 M: 8 YYYY: 2020

Add to Database


id	name	albumid	musicianid	vocalystid	format
S001	Come as you are	Ab001	M020	A021	MP3
S002	Blinding Lights	Ab001	M004	A024	WAV
S003	The Twist	Ab001	M028	A025	AAC
S105	Hello	Ab001	M001	A001	MP3

Update Songs:

Music Recording

File Help

Update Artist Update Musicaian Update Album Update Songs update Employee

 Vaishnavi Garrepalli

Profile

Add

Update

Remove

Search

Format MP3 Song Id S001 Get Data

Album Id Ab001 Song Name Come as you are

Musician Id M020

Vocalist Id A021 Add to Database

Update Employee:

Music Recording

File Help

Update Artist Update Musician Update Album Update Songs update Employee

Role: Admin Emp ID: E001 Get Data

First Name: Rega Last Name: Targarian

Gender: ☒ Male ☐ Female ☐ Other

DOB: DD: 5 M: 5 YYYY: 1980

Joined Date: DD: 6 M: 7 YYYY: 2002

E-Mail: rega@gmail.com

Mob No.: 8888888888 City: Kingsland

Zip Code: 518512

Salary: 5600

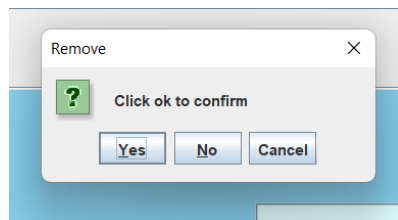
Conditions:

- *the moment focus lost in id box data will be updated
- *fname and lname must be more than 3 characters
- *mobile number should have exactly 10 numeric digits
- *Pincode should have exactly 6 numeric digits
- *Salary should be numeric

Add to Database

Remove

Employees or admin can remove details in use case by giving id. Before removing, employees or admin can check the details of respective id in the table given below and confirm whether to remove or not by verifying with dialogue box.



Remove Artist:

Music Recording

File Help

Remove Artist Remove ALbum Remove Songs Remove Musician Remove Employee

Enter Artist Id: A003 Check

id	fname	lname	gender	dob	datejoined	mail	phno	city	zip	role
A003	Krishna	Chatanya	Male	1966-05-15	2006-12-04	chatanyak@...	8129197922	Ekuru	561001	Lyricist

Remove

Remove Album:

The screenshot shows the 'Remove Album' window of the 'Music Recording' application. The left sidebar contains a user profile for 'Sai Harshitha' and navigation buttons: Profile, Add, Update, Remove, and Search. The top navigation bar has tabs for Remove Artist, Remove ALbum, Remove Songs, Remove Musician, and Remove Employee. The main area has a form to 'Enter Album Id:' with a text box containing 'Ab003' and a 'Check' button. Below this is a table with columns: id, name, artistid, and createdon. The table contains one row with the data: Ab003, Back to Black, A005, and 2007-05-20. At the bottom of the main area is a 'Remove' button.

id	name	artistid	createdon
Ab003	Back to Black	A005	2007-05-20

Remove Songs:

The screenshot shows the 'Remove Songs' window of the 'Music Recording' application. The left sidebar is identical to the previous screenshot, showing the user profile 'Sai Harshitha' and navigation buttons. The top navigation bar has the same tabs. The main area has a form to 'Enter Song Id:' with a text box containing 'S001' and a 'Check' button. Below this is a table with columns: id, name, albumid, musicianid, vocalistid, and format. The table contains one row with the data: S001, Come as you are, Ab001, M020, A021, and MP3. At the bottom of the main area is a 'Remove' button.

id	name	albumid	musicianid	vocalystid	format
S001	Come as you are	Ab001	M020	A021	MP3

Remove Musician:

The screenshot shows the 'Remove Musician' window. On the left is a sidebar with a user profile for 'Sai Harshitha' and navigation buttons: Profile, Add, Update, Remove, and Search. The main area has tabs for 'Remove Artist', 'Remove ALbum', 'Remove Songs', 'Remove Musician' (selected), and 'Remove Employee'. Below the tabs, there is a form to 'Enter Musician Id:' with the value 'M004' and a 'Check' button. A table displays the musician's details:

id	fname	lname	gender	dob	datejoined	mail	phno	city	zip	ins
M004	Sriram	Banganath Ba	Male	1994-03-05	1996-10-08	venkatasubbar	8886428184	Chennai	730719	oboe

Below the table is a 'Remove' button.

Remove Employee:

The screenshot shows the 'Remove Employee' window. The sidebar is identical to the previous one. The main area has tabs for 'Remove Artist', 'Remove ALbum', 'Remove Songs', 'Remove Musician', and 'Remove Employee' (selected). Below the tabs, there is a form to 'Enter Employee Id:' with the value 'E007' and a 'Check' button. A table displays the employee's details:

id	fname	lname	gender	dob	mail	phno	city	zipcode	datejoined	salary	role
E007	Akshay	K	Male	1995-09-25	ashwaryap...	8456789456	Hyderabad	500004	2020-08-15	45000	Employee

Below the table is a 'Remove' button.

Search

Employees or admin can search the details with the help of id or by date joined/created (year).

And all the details of respective id or year will be displayed in the table below. In right side of the panel, we can find statistics (refresh statistics by single click on panel).

Search Artist:

Music Recording

File Help

Search Artist Search Musician Search Albums Search Songs Search Employee

Search by ID :

Search by year joined :

Statistics

No of Artists : 81

No of Males : 67

No of Females : 14

No of Lyricists : 41

No of Vocalists : 40

*Click on panel to retrieve data

id	fname	lname	gender	dob	datejoined	mail	phno	city	zip	role
A001	Rob	Start	Male	1958-12-05	2002-08-06	rob12@gmail...	9494959158	winterfall	514896	Lyricist
A002	A.R.	Rahman	Male	1966-06-05	2003-06-14	rahman06@...	9895715248	Chennai	600001	Lyricist
A003	Krishna	Chaitanya	Male	1966-05-15	2006-12-04	chaitanyak@...	8129197922	Eluru	561001	Lyricist
A004	Chadrase	K	Male	1987-04-21	1995-12-08	kscb@gmail...	9446090724	Chalapa	506100	Lyricist
A005	Ashwarya	P	Female	1964-12-31	2011-11-08	ashwaryapa...	9567194194	Bareilly	732496	Lyricist
A006	Deepak	P Namb	Male	1984-10-07	2016-05-04	sukhanam...	9207230197	Basti	679197	Lyricist
A007	Govind	Mural	Male	1976-07-08	2001-06-02	govindmural...	9447333007	Bijnor	640449	Lyricist
A008	Harry	Paul	Male	1966-02-05	2011-09-03	harrypaul8...	9544514506	Bithur	660071	Lyricist
A009	Vishnu	Sreekumar	Male	1970-12-30	2004-11-13	kalavedu405...	9495613097	Chittoor	649988	Lyricist
A010	Niranjan	Praveen	Male	1968-12-27	2002-02-05	praveenkarl...	9129705463	Dowlatabaram	534871	Lyricist
A011	POWELL	MOOTHE	Male	1961-04-15	1998-12-25	powellmooth...	9846986214	Eluru	726126	Lyricist
A012	Nelsapati	Lalith Karthi	Male	1981-05-15	2009-01-21	lalithkarthi...	8287520837	Guntur	748976	Lyricist
A013	AMIN	SHAJAHAN	Male	1969-07-10	2001-08-26	aminshakth...	9847894688	Kadapa	592953	Lyricist
A014	Prithvi	Raj	Male	1971-02-07	2007-05-18	prithvic1103...	9656759294	Kalnada	756309	Lyricist
A015	Shradha	Shaji	Female	1980-04-16	1995-10-08	depthiest...	8106127114	Kurnool	680280	Lyricist
A016	Abhishek	A b	Male	1976-05-04	2004-05-03	kehshba.ab...	9765138194	Machilipatnam	625525	Lyricist
A017	SREEKANTH	K	Male	1978-02-19	2000-09-22	sreekanthk2...	7909113000	Naagarunako...	689898	Lyricist
A018	Abhijith	S	Male	1960-02-20	2000-04-07	abhij999@g...	7510336648	Rajahmundry	516035	Lyricist
A019	B	Ananda Deva	Male	1970-02-08	1999-09-11	anandababu...	8086214895	Srikakulam	762377	Lyricist
A020	Vinavak	V Thavi	Male	1964-05-01	2003-01-13	vinavthavi1...	9446763771	Truapat	677392	Lyricist

Search Musician:

Music Recording

File Help

Search Artist Search Musician Search Albums Search Songs Search Employee

Search by ID :

Search by year joined :

Statistics

No of Artists : 41

No of Males : 33

No of Females : 7

*Click on panel to retrieve data

id	fname	lname	gender	dob	datejoined	mail	phno	city	zip	ins
M001	John	Snow	Male	1958-12-05	2002-08-06	rob12@gmail...	1234567891	Winterfall	514896	piano,flute
M002	Rohith	Shinoj Kumar	Male	1960-11-03	2016-02-24	rohithshinoj...	7034238865	Madurai	533957	guitar
M003	Vibhakti	Chandrakanti	Male	1966-10-02	2004-05-22	vkndresh11@...	9493099427	Combato	700441	saxophone,Tr...
M004	Sriram	Bangarath	Male	1994-03-05	1996-10-08	venkatsaibab...	8886428184	Chennai	730719	oboe
M005	KURUVA	RAKESH KUMAR	Male	1967-07-21	2009-02-11	kuruvakesh2...	7330715530	Combato	731232	bassoon
M006	SINGIRKONDA	SAHANA	Female	1967-02-03	2006-05-12	singirkondasa...	9392832853	East Sikkim	617113	Afghani guitar
M007	Anaveth	Venu Madhav	Male	1966-05-10	1998-02-06	sareenu1971...	9659422689	Combato	703349	Alghosa
M008	KARADADA	ANANDA VAR...	Male	1973-11-18	1996-06-10	kskmananurt...	9866500428	Ri Bhoi	513864	Accordion
M009	NEERAJ	P YETHEENDR...	Male	1990-12-16	2013-02-21	yathi.pattal@...	9497073773	Guntur	525942	Bagpipes
M010	SACHIN	SM	Male	1984-06-19	2006-05-05	manojmob@...	9567295380	Amritsar	777215	Banjo
M011	Mude	Chaitanya Raju	Male	1987-02-12	2008-05-15	muddechayan...	7680904009	Krishna	680257	Banjo cello
M012	Ashutosh	Varma	Male	1977-08-06	2016-04-21	ashutoshvarm...	9072960916	Visakhapatnam	719424	Bass banjo
M013	GOKUL	PANICKER	Male	1984-02-10	2004-11-10	panicker.goku...	9747977661	Hisar	689730	Five-stringed ...
M014	Kiran	Rajesh R L	Male	1961-06-17	2001-05-16	arajesh1975@...	9447205036	Ri Bhoi	662235	Bluegrass banjo
M015	NIRANJANA	S R	Female	1961-06-30	1997-07-21	nikthia@gnai...	7396369482	East Garo Hills	722063	Star Drumpad
M016	Gautham	G	Male	1990-09-22	2004-10-24	gauthamguru...	6848804855	East Garo Hills	660189	Khartal
M017	Venu	Abhinav	Male	1975-02-26	1999-07-13	abhinavvenu...	9908259956	Chamrajnagar	695263	Manjira
M018	Tamma	Bhuvan Varma	Male	1963-12-11	2012-06-07	bhuvnvc@gnm...	807277021	East Sikkim	724443	Mridanga
M019	Allen	Kamranthath	Male	1988-05-13	2013-07-20	alenkamrang...	9495949062	Anwal	770551	Saraswati Vee...
M020	Pranav	Prashant	Male	1974-08-16	2009-09-21	pranavprashan...	8986970214	Chandigarh	563876	Sarod

Search Album:

Music Recording

File Help

Search Artist Search Musician Search Albums Search Songs Search Employee

Search by ID : **Surf**

Search by year created : **Surf**

Statistics

No of Albums : N/A

*Click on pannel to retrieve data

id	name	artid	createdon
Ab001	Nevermind	A001	2020-08-15
Ab002	Fallen	A003	2001-05-18
Ab003	Back to Black	A005	2007-05-20
Ab004	Let Go	A006	1998-02-21
Ab005	Metrona	A002	2000-11-28
Ab006	Confessions	A009	2019-02-06
Ab007	The Fame	A014	1997-04-23
Ab008	American Idiot	A016	2012-04-07
Ab009	A Rush of Blood to the Head	A019	2007-02-16
Ab010	Take Off Your Pants and Jacket	A020	2007-07-31
Ab011	Laundry Service	A028	1999-12-15
Ab012	Missundaztood	A036	2005-10-18
Ab013	X&Y	A012	2003-03-25
Ab014	Come Away with Me	A017	2010-02-02
Ab015	Confessions	A037	2004-12-19
Ab016	Kelly Clarkson	A038	2007-03-12
Ab017	Songs in A Minor	A039	2011-09-11
Ab018	A New Day Has Come	A040	1995-12-29
Ab019	Life for Rent	A041	2000-05-30

Profile

Add

Update

Remove

Search

Search Songs:

We can search songs by using musician id or vocalist.

Music Recording

File Help

Search Artist Search Musician Search Albums Search Songs Search Employee

Search by Musician : **Surf**

Search by Vocalist : **Surf**

Statistics

No of songs : 106

Total MP3 : 56

Total WAV : 25

Total AAC : 25

*Click on pannel to retrieve data

id	name	albumid	musicianid	vocalystid	format
S001	Come as you are	Ab001	M020	A021	MP3
S002	Blinding Lights	Ab001	M004	A024	WAV
S003	The Twist	Ab001	M028	A025	AAC
S004	Smooth	Ab002	M038	A026	WAV
S005	Black the Knife	Ab002	M002	A027	AAC
S006	Uptown Funk	Ab002	M035	A029	MP3
S007	How Do I Live	Ab003	M035	A030	WAV
S008	Party Rock Anthem	Ab003	M006	A033	AAC
S009	I Gotta Feeling	Ab003	M038	A035	MP3
S010	Macarena (Bayside Boys ...	Ab004	M030	A049	AAC
S011	Shape of You	Ab004	M003	A050	MP3
S012	Waiting for a Girl Like You	Ab004	M039	A051	MP3
S013	Work It	Ab005	M036	A052	WAV
S014	I Love You Always Forever	Ab005	M030	A053	MP3
S015	You're Still the One	Ab005	M026	A054	WAV
S016	If I Ever Fall in Love	Ab006	M038	A055	MP3
S017	Nobody's Supposed to B...	Ab006	M039	A056	WAV
S018	Back at One	Ab006	M004	A057	MP3
S019	I Don't Wanna Know	Ab007	M039	A058	AAC
S020	Thinkin Out Loud	Ab007	M036	A059	WAV

Profile

Add

Update

Remove

Search

Search Employee:

Music Recording

File Help

Search Artist Search Musician Search Albums Search Songs Search Employee

Search by ID : **Surf**

Search by year joined : **Surf**

Statistics

No of Employees : 77

No of Males : 57

No of Females : 20

Average salary : 114472.987012...

Minimum salary : 5600

Maximum salary : 5000000

*Click on panel to retrieve data

Rega Targarian

Profile

Add

Update

Remove

Search

id	fname	lname	gender	dob	mail	phno	city	zipcode	datejoined	salary	role
E001	Rega	Targarian	Male	1980-05-05	rega@gmail...	8888888888	Kingsland	518512	2002-07-06	5600	Admin
E002	Mahi	Shinoy	Male	1990-05-17	rahmdysp...	8456123785	Ri Bhoi	793103	2010-09-09	74000	Employee
E003	Konda	Venikata Sai...	Female	1965-12-02	abhay2003...	9456123147	East Garo ...	794111	2012-05-12	45000	Employee
E004	Muhammed	Shajahan	Male	1990-12-25	abhirshna...	9456123784	East Garo ...	794110	2010-09-06	24000	Employee
E005	Dhruv	Dinesh	Male	1989-12-14	adarshsing...	8478475487	Chamrajna...	571442	2010-08-13	52000	Employee
E006	GOKUL	KRISHNA B R	Male	1985-08-03	aadanani@...	7454754756	East Sikkim	737134	2015-12-05	86000	Employee
E007	Akshay	K	Male	1995-09-25	aashwaryap...	8456789456	Hyderabad	500004	2020-08-15	45000	Employee
E008	Katru	Venikata Na...	Male	1982-10-25	akshayvith...	9457845123	Hyderabad	500045	2014-03-25	25000	Employee
E009	Adith	Krishna	Male	1983-05-08	alenkamma...	8745612345	Hyderabad	500004	2014-02-03	32000	Employee
E010	Anshuman	Swan	Male	1980-01-01	arun.somas...	9456124785	Hyderabad	500091	2015-12-10	41000	Employee
E011	Gautham	Krishnan Pri...	Female	1980-09-09	ananthuap...	7458745126	Hyderabad	500034	2015-02-25	25365	Employee
E012	Harkrishna	Sathesh Pilla	Male	1958-12-06	anjaname...	8475123745	Hyderabad	500004	2016-12-12	21322	Employee
E013	Karthik	Dinesh	Male	1998-12-25	diksho365...	9457812345	Nicobar	744302	2018-05-14	82000	Admin
E014	Gopsetty	Venikata Vw...	Male	1995-04-13	rsm.raja61...	9475812347	Nicobar	744301	2019-02-15	96000	Admin
E015	Satvik	Aravalspali	Male	1993-12-15	aswink200...	8451236954	Nicobar	744303	2015-02-13	26000	Employee
E016	Bolsetty	Shiva Shan...	Male	2003-03-05	anandabab...	7456891234	Tirap	792129	2015-05-06	47000	Employee
E017	Bandra	Mohammed...	Male	1996-02-12	venkatasub...	8451234568	Tirap	792129	2016-02-04	52000	Employee
E018	Dakedi	Karav Tej	Male	1965-12-25	bharathkrs...	9456123147	East Sikkim	737135	2015-04-12	25245	Admin
E019	Purushottam	Reddy	Male	2002-08-03	purush319...	6300793297	Kurnool	518512	2012-03-12	54000	Admin

-----Thanking You-----