SE 204.3 – Development of Enterprise Applications 1

Group Assignment

Final Report 02

Submission Date: 24/05/2022

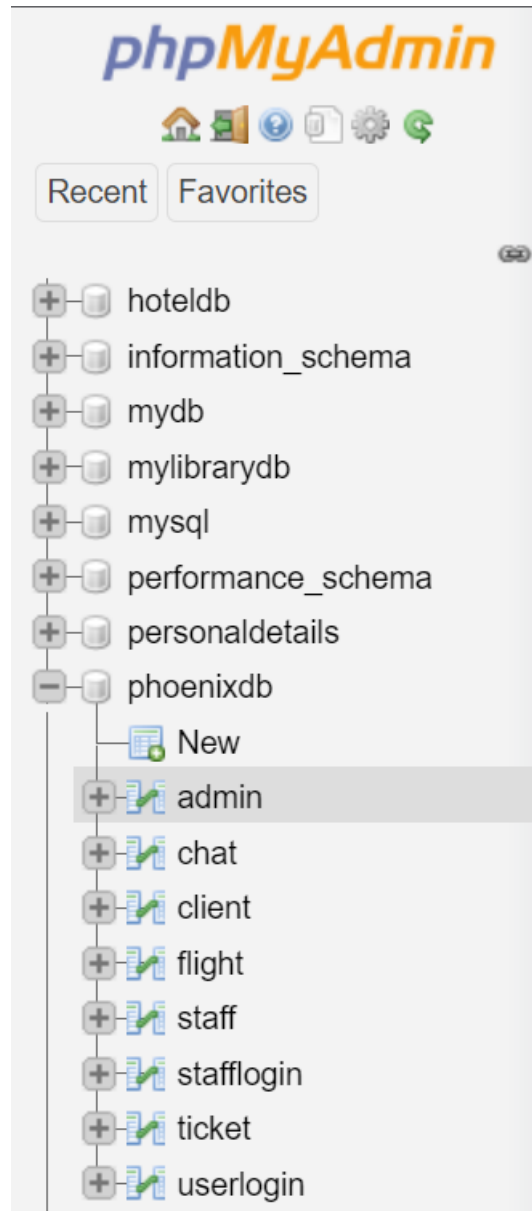### Group Members

RD MALLIKARACHCHI	– 21377
DTA EDIRISINGHE	– 21842
KMK CHAMIKA	– 21237
MWN NIMTHARA	– 21899
HT THRIMAWITHANA	– 21526
DMLD PERERA	– 21294

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01. Screenshots of the Web Application

1. Database & Tables

2. Admin Table

```
SELECT * FROM `admin`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

username	password
admin@gmail.com	123456

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

3. Chat Table

```
SELECT * FROM `chat`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

username	chat
rd@gmail.com	Excellent work. Easy to access.
themira@gmail.com	Can we make more than one account with same email ...
hiranya@gmail.com	I have mistaken the departure. Can you cancel T03 ...

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

4. Client Table

```
SELECT * FROM `client`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table

+ Options

firstname	lastname	nic	contact	gender	country	username	password
Ravindu	Dilshan	2000123456	0712345666	Male	Sri Lanka	rd@gmail.com	ravindu123
Dilan	Raveendra	1997123456	0716495762	Male	Sri Lanka	dil@gmail.com	dilan123
Themira	Avishanka	2000641976	0719462257	Male	Sri Lanka	themira@gmail.com	themira123
Hiranya	Thisri	20001649786	0714965872	Female	Sri Lanka	hiranya@gmail.com	hiranya123
Nethmi	Nimthara	200164953526	0712345678	Female	Sri Lanka	nethmi@gmail.com	nethmi123
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table

5. Flight Table

```
SELECT * FROM `flight`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table

+ Options

flightid	flightname	country	seats	package
F01	Indigo Airline	India	200	Economy
F02	Air Asia Airline	Pakistan	250	Business
F03	Sri Lankan Air Bus	Sri Lanka	200	Business
F04	Jet Airways	Japan	300	Luxury
F05	United Airline	USA	300	Luxury

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table

6. Staff Table

```
SELECT * FROM `staff`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

staffid	staffname	nic	contact	gender	username	password
S01	Kumara	9999999991	0711111112	Male	Kumara@staff01.com	kumara123
S02	Janaka	9999999992	0711111113	Male	Janaka@staff01.com	janaka123
S03	Saduni	9999999993	07111111114	Female	saduni@staff02.com	saduni123
S04	Kamalani	9999999994	071111111115	Female	kamalani@staff02.com	kamalani123
S05	Chandana	9999999995	0711111124	Male	chandana@staff01.com	chandana123

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

7. Staff Login Table

```
SELECT * FROM `stafflogin`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

username	password
Kumara@staff01.com	kumara123
chandana@staff01.com	chandana123
saduni@staff02.com	saduni123
kamalani@staff02.com	kamalani123

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

5

8. Ticket Table

```
SELECT * FROM `ticket`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

ticketid	date	time	arrival	depature	flightid	passengers
T01	2022-05-25	21:30	Bandaranayaka	India	F01	2
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4
T03	2022-06-05	05:00	Mattala	Australia	F03	1
T04	2022-05-27	20:30	Colombo	India	F02	10
T05	2022-05-31	08:00	Jaffna	Pakistan	F04	6
T06	2022-06-10	10:30	Batticaloa	Bangladesh	F05	10

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

9. User Login Table

```
SELECT * FROM `userlogin`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

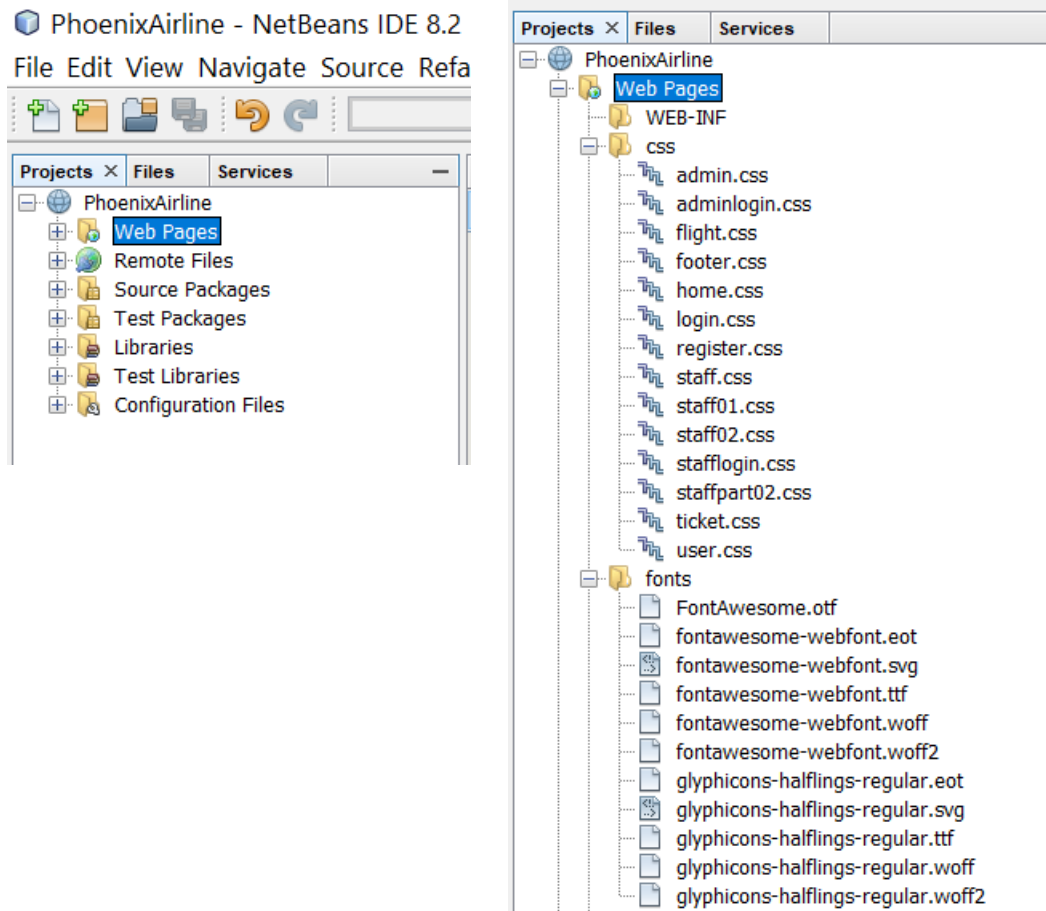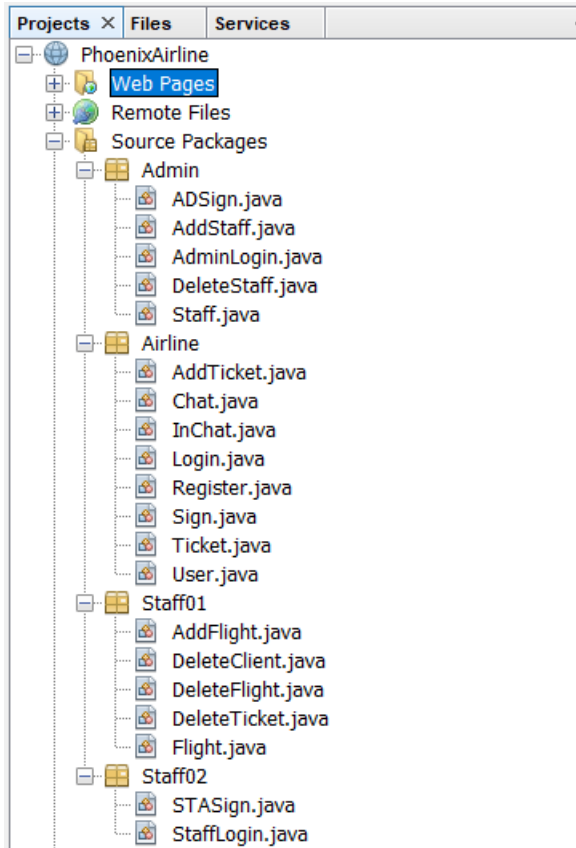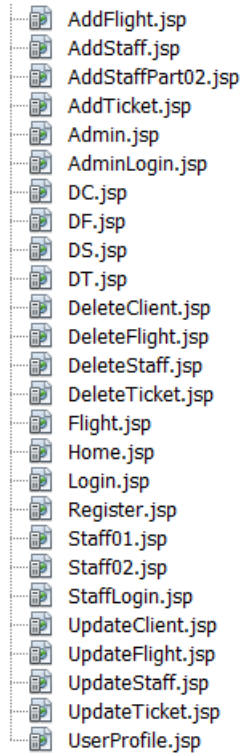☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

+ Options

username	password
rd@gmail.com	ravindu123
dil@gmail.com	dilan123
themira@gmail.com	themira123
hiranya@gmail.com	hiranya123
lojini@gmail.com	lojini123
chamika@gmail.com	chamika123
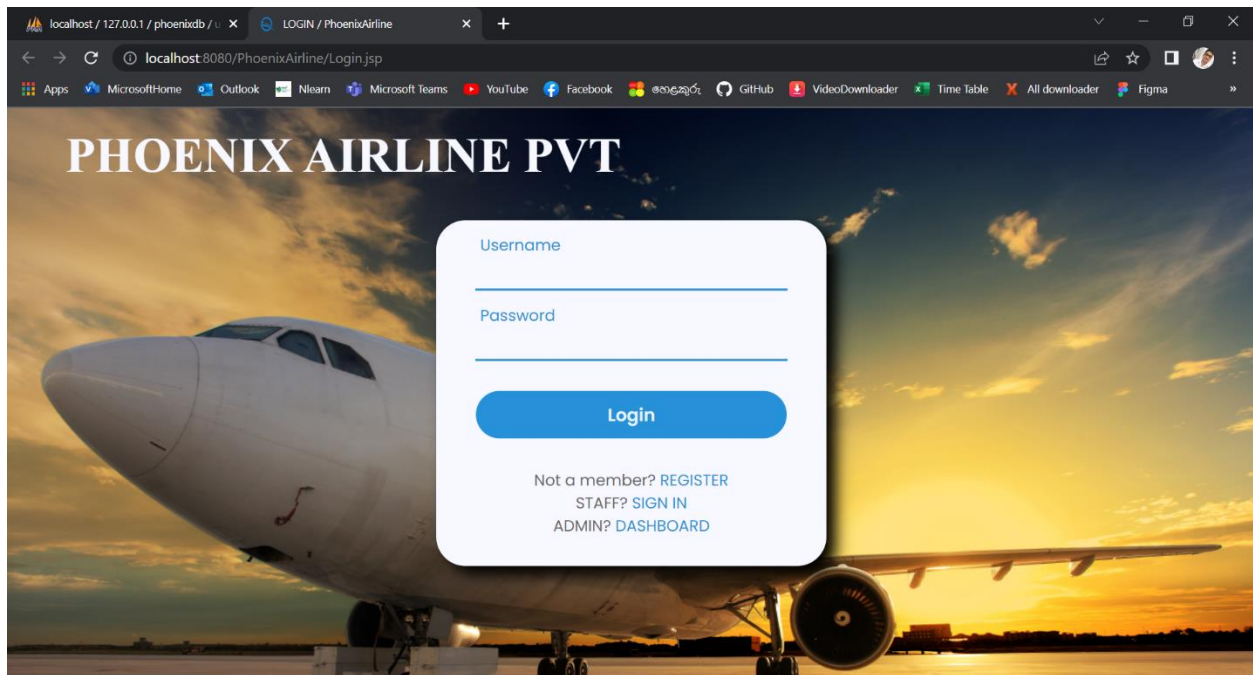
☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

10. NetBeans Project

images
- 1.jpg
- 2.jpg
- 3.jpg
- buser.png
- home.jpg
- home1.jpg
- img1.jpg
- logo.png
- staff.jpg
- ticket.png
- user.webp

js
- adminlogin.js
- flight.js
- register.js
- staff.js
- stafflogin.js
- ticket.js
- userlogin.js

- AddFlight.jsp
- AddStaff.jsp
- AddStaffPart02.jsp
- AddTicket.jsp
- Admin.jsp
- AdminLogin.jsp
- DC.jsp
- DF.jsp
- DS.jsp
- DT.jsp
- DeleteClient.jsp
- DeleteFlight.jsp
- DeleteStaff.jsp
- DeleteTicket.jsp
- Flight.jsp
- Home.jsp
- Login.jsp
- Register.jsp
- Staff01.jsp
- Staff02.jsp
- StaffLogin.jsp
- UpdateClient.jsp
- UpdateFlight.jsp
- UpdateStaff.jsp
- UpdateTicket.jsp
- UserProfile.jsp

| Projects × | Files | Services |

PhoenixAirline
- Web Pages
- Remote Files
- Source Packages
  - Admin
    - ADSign.java
    - AddStaff.java
    - AdminLogin.java
    - DeleteStaff.java
    - Staff.java
  - Airline
    - AddTicket.java
    - Chat.java
    - InChat.java
    - Login.java
    - Register.java
    - Sign.java
    - Ticket.java
    - User.java
  - Staff01
    - AddFlight.java
    - DeleteClient.java
    - DeleteFlight.java
    - DeleteTicket.java
    - Flight.java
  - Staff02
    - STASign.java
    - StaffLogin.java

11. Login

12. Client Registration

13. Home
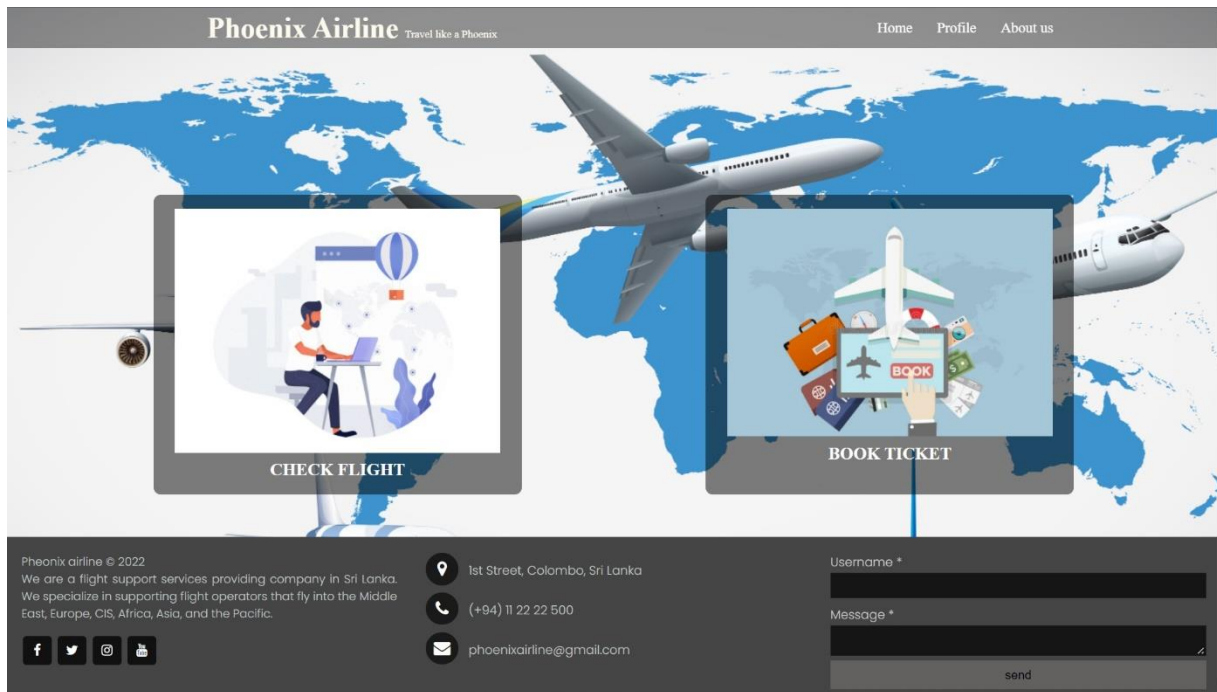
14. Check Flight
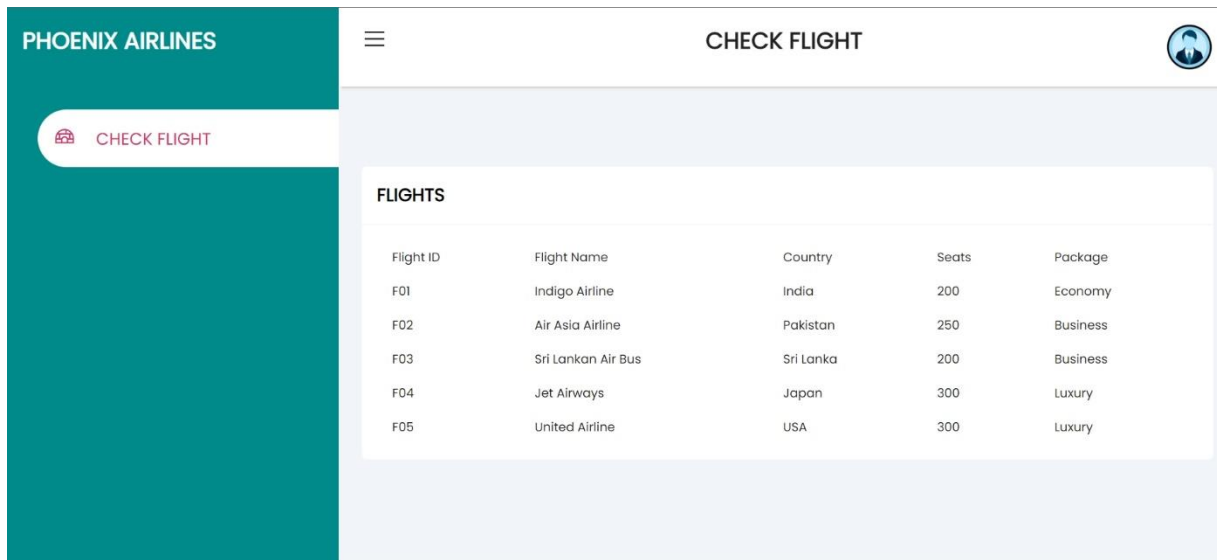
15. Book Ticket

16. User Profile

PHOENIX AIRLINES

☰   USER PROFILE

PROFILE

YOUR ACCOUNT

First Name	Last Name	NIC	Contact	Gender	Country	Username	Action
Ravindu	Dilshan	2000123456	0712345666	Male	Sri Lanka	rd@gmail.com	Update

TICKETS

Ticket ID	Date	Time	Arrival	Departure	Flight ID	Passengers
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4
T04	2022-05-27	20:30	Colombo	India	F02	10

17. Grade 01 Staff Dashboard

PHOENIX AIRLINES

☰ DASHBOARD   **STAFF GRADE ONE**

- ⛟ DASHBOARD
- ⇥ FLIGHT
- ▭ TICKETS
- ⚥ ACCOUNTS

5 ⇥	6 ▭	7 ⚥	7 ⊗
FLIGHTS	TICKETS	USER ONLINE	ACCOUNTS

FLIGHTS   [ADD]   [UPDATE]   [DELETE]

Flight ID	Flight Name	Country	Seats	Package
F01	Indigo Airline	India	200	Economy
F02	Air Asia Airline	Pakistan	250	Business
F03	Sri Lankan Air Bus	Sri Lanka	200	Business
F04	Jet Airways	Japan	300	Luxury
F05	United Airline	USA	300	Luxury

TICKETS   [UPDATE]   [DELETE]

Ticket ID	Date	Time	Arrival	Departure	Flight ID	Passengers
T01	2022-05-25	21:30	Bandaranayaka	India	F01	2
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4
T03	2022-06-05	05:00	Mattala	Australia	F03	1
T04	2022-05-27	20:30	Colombo	India	F02	10
T05	2022-05-31	08:00	Jaffna	Pakistan	F04	6
T06	2022-06-10	10:30	Batticaloa	Bangladesh	F05	10

USER ACCOUNTS   [UPDATE]   [DELETE]

First Name	Last Name	NIC	Contact	Gender	Country	Username	Password
Ravindu	Dilshan	2000123456	0712345666	Male	Sri Lanka	rd@gmail.com	ravindu123
Dilan	Raveendra	1997123456	0716495762	Male	Sri Lanka	dil@gmail.com	dilan123
Themira	Avishanka	2000641976	0719462257	Male	Sri Lanka	themira@gmail.com	themira123
Hiranya	Thisri	20001649786	0714965872	Female	Sri Lanka	hiranya@gmail.com	hiranya123
Nethmi	Nimthara	200164953526	0712345678	Female	Sri Lanka	nethmi@gmail.com	nethmi123
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123

18. Grade 02 Staff Dashboard

PHOENIX AIRLINES

☰ DASHBOARD   STAFF GRADE TWO

- 🚌 DASHBOARD
- ✈ FLIGHT
- 🗋 TICKETS
- 👤 ACCOUNTS

5 ✈	6 🗋	7 👥	7 👤
FLIGHTS	TICKETS	USER ONLINE	ACCOUNTS

FLIGHTS   [ADD]   [UPDATE]

Flight ID	Flight Name	Country	Seats	Package
F01	Indigo Airline	India	200	Economy
F02	Air Asia Airline	Pakistan	250	Business
F03	Sri Lankan Air Bus	Sri Lanka	200	Business
F04	Jet Airways	Japan	300	Luxury
F05	United Airline	USA	300	Luxury

TICKETS   [UPDATE]

Ticket ID	Date	Time	Arrival	Departure	Flight ID	Passengers
T01	2022-05-25	21:30	Bandaranayaka	India	F01	2
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4
T03	2022-06-05	05:00	Mattala	Australia	F03	1
T04	2022-05-27	20:30	Colombo	India	F02	10
T05	2022-05-31	08:00	Jaffna	Pakistan	F04	6
T06	2022-06-10	10:30	Batticaloa	Bangladesh	F05	10

USER ACCOUNTS   [UPDATE]

First Name	Last Name	NIC	Contact	Gender	Country	Username	Password
Ravindu	Dilshan	2000123456	0712345666	Male	Sri Lanka	rd@gmail.com	ravindu123
Dilan	Raveendra	1997123456	0716495762	Male	Sri Lanka	dil@gmail.com	dilan123
Themira	Avishanka	2000641976	0719462257	Male	Sri Lanka	themira@gmail.com	themira123
Hiranya	Thisri	20001649786	0714965872	Female	Sri Lanka	hiranya@gmail.com	hiranya123
Nethmi	Nimthara	200164953526	0712345678	Female	Sri Lanka	nethmi@gmail.com	nethmi123
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123

19. Admin Dashboard

PHOENIX AIRLINES

- DASHBOARD
- FLIGHT
- TICKETS
- ACCOUNTS
- STAFF

☰ DASHBOARD   ADMIN DASHBOARD   50248 Active

5 ✈	6 🗒	7 🕸	7 ⊗
FLIGHTS	TICKETS	USER ONLINE	ACCOUNTS

FLIGHTS   ADD   DELETE

Flight ID	Flight Name	Country	Seats	Package
F01	Indigo Airline	India	200	Economy
F02	Air Asia Airline	Pakistan	250	Business
F03	Sri Lankan Air Bus	Sri Lanka	200	Business
F04	Jet Airways	Japan	300	Luxury
F05	United Airline	USA	300	Luxury

TICKETS   ADD   DELETE

Ticket ID	Date	Time	Arrival	Departure	Flight ID	Passengers
T01	2022-05-25	21:30	Bandaranayaka	India	F01	2
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4
T03	2022-06-05	05:00	Mattala	Australia	F03	1
T04	2022-05-27	20:30	Colombo	India	F02	10
T05	2022-05-31	08:00	Jaffna	Pakistan	F04	6
T06	2022-06-10	10:30	Batticaloa	Bangladesh	F05	10

USER ACCOUNTS   ADD   DELETE

First Name	Last Name	NIC	Contact	Gender	Country	Username	Password
Ravindu	Dilshan	2000123456	0712345666	Male	Sri Lanka	rd@gmail.com	ravindu123
Dilan	Raveendra	1997123456	0716495762	Male	Sri Lanka	dil@gmail.com	dilan123
Themira	Avishanka	2000641976	0719462257	Male	Sri Lanka	themira@gmail.com	themira123
Hiranya	Thisri	20001649786	0714965872	Female	Sri Lanka	hiranya@gmail.com	hiranya123
Nethmi	Nimthara	200164953526	0712345678	Female	Sri Lanka	nethmi@gmail.com	nethmi123
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123

STAFF   ADD   UPDATE   DELETE

Staff ID	Staff Name	NIC	Contact	Gender	Username	Password
S01	Kumara	9999999991	0711111112	Male	Kumara@staff01.com	kumara123
S02	Janaka	9999999992	0711111113	Male	Janaka@staff01.com	janaka123
S03	Saduni	9999999993	0711111114	Female	saduni@staff02.com	saduni123
S04	Kamalani	9999999994	0711111115	Female	kamalani@staff02.com	kamalani123
S05	Chandana	9999999995	0711111124	Male	chandana@staff01.com	chandana123

20. Add Flight

21. Add Staff

PHOENIX AIRLINES

ADD STAFF

ADD STAFF

Sraff ID

Staff Name

NIC Number

Contact Number

PHOENIX AIRLINES

ADD STAFF

Contact Number

Gender   ◯ Male   ◯ Female

Username

Password

ADD

22. Delete Client

PHOENIX AIRLINES ☰ DELETE CLIENT

🚌 DELETE CLIENT

SEARCH THE CLIENT FOR DELETE

First Name	Last Name	NIC	Contact	Gender	Country	Username	Password	Action
Ravindu	Dilshan	2000123456	0712345666	Male	Sri Lanka	rd@gmail.com	ravindu123	Delete
Dilan	Raveendra	1997123456	0716495762	Male	Sri Lanka	dil@gmail.com	dilan123	Delete
Themira	Avishanka	2000641976	0719462257	Male	Sri Lanka	themira@gmail.com	themira123	Delete
Hiranya	Thisri	20001649786	0714965872	Female	Sri Lanka	hiranya@gmail.com	hiranya123	Delete
Nethmi	Nimthara	200164953526	0712345678	Female	Sri Lanka	nethmi@gmail.com	nethmi123	Delete
KMK	Chamika	20001649785	0719845632	Male	Sri Lanka	chamika@gmail.com	chamika123	Delete
Lojini	Perera	20009464654	0717894561	Female	Sri Lanka	lojini@gmail.com	lojini123	Delete

23. Delete Flight

PHOENIX AIRLINES ☰ DELETE FLIGHT

🚌 DELETE FLIGHT

SEARCH THE FLIGHT FOR DELETE

Flight ID	Flight Name	Country	Seats	Package	Action
F01	Indigo Airline	India	200	Economy	Delete
F02	Air Asia Airline	Pakistan	250	Business	Delete
F03	Sri Lankan Air Bus	Sri Lanka	200	Business	Delete
F04	Jet Airways	Japan	300	Luxury	Delete
F05	United Airline	USA	300	Luxury	Delete

24. Delete Staff

PHOENIX AIRLINES

☰ DELETE STAFF

DELETE STAFF

SEARCH THE STAFF MEMBER FOR DELETE

Staff ID	Staff Name	NIC	Contact	Gender	Username	Password	Action
S01	Kumara	9999999991	0711111112	Male	Kumara@staff01.com	kumara123	Delete
S02	Janaka	9999999992	0711111113	Male	Janaka@staff01.com	janaka123	Delete
S03	Saduni	9999999993	0711111114	Female	saduni@staff02.com	saduni123	Delete
S04	Kamalani	9999999994	0711111115	Female	kamalani@staff02.com	kamalani123	Delete
S05	Chandana	9999999995	0711111124	Male	chandana@staff01.com	chandana123	Delete

25. Delete Ticket

PHOENIX AIRLINES

☰ DELETE TICKET

DELETE TICKET

SEARCH THE TICKET FOR DELETE

Ticket ID	Date	Time	Arrival	Departure	Flight ID	Passengers	Action
T01	2022-05-25	21:30	Bandaranayaka	India	F01	2	Delete
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4	Delete
T03	2022-06-05	05:00	Mattala	Australia	F03	1	Delete
T04	2022-05-27	20:30	Colombo	India	F02	10	Delete
T05	2022-05-31	08:00	Jaffna	Pakistan	F04	6	Delete
T06	2022-06-10	10:30	Batticaloa	Bangladesh	F05	10	Delete

26. Update Client

27. Update Flight

28. Update Staff

PHOENIX AIRLINES

UPDATE STAFF

UPDATE STAFF

SEARCH THE STAFF MEMBER FOR UPDATE

Staff ID	Staff Name	NIC	Contact	Gender	Username	Password	Action
S01	Kumara	9999999991	0711111112	Male	Kumara@staff01.com	kumara123	UPDATE
S02	Janaka	9999999992	0711111113	Male	Janaka@staff01.com	janaka123	UPDATE
S03	Saduni	9999999993	0711111114	Female	saduni@staff02.com	saduni123	UPDATE
S04	Kamalani	9999999994	0711111115	Female	kamalani@staff02.com	kamalani123	UPDATE
S05	Chandana	9999999995	0711111124	Male	chandana@staff01.com	chandana123	UPDATE

29. Update Ticket

PHOENIX AIRLINES

UPDATE TICKET

UPDATE TICKET

SEARCH THE TICKET FOR UPDATE

Ticket ID	Date	Time	Arrival	Departure	Flight ID	Passengers	Action
T01	2022-05-25	21:30	Bandaranayaka	India	F01	2	UPDATE
T02	2022-06-01	06:30	Katunayaka	New Zealand	F02	4	UPDATE
T03	2022-06-05	05:00	Mattala	Australia	F03	1	UPDATE
T04	2022-05-27	20:30	Colombo	India	F02	10	UPDATE
T05	2022-05-31	08:00	Jaffna	Pakistan	F04	6	UPDATE
T06	2022-06-10	10:30	Batticaloa	Bangladesh	F05	10	UPDATE

02. Work Load Matrix

Student Name	Student ID	Work Load
RD MALLIKARACHCHI	21377	16.67%
DTA EDIRISINGHE	21842	16.67%
KMK CHAMIKA	21237	16.67%
MWN NIMTHARA	21899	16.67%
HT THRIMAWITHANA	21526	16.67%
DMLD PERERA	21294	16.67%