DB Setup

1. Download MSI installer: <https://dev.mysql.com/downloads/installer/>
2. Install Full version
3. During installation keep root directory password as ‘admin123’
4. Run the Following code:

CREATE DATABASE `soen6841`;

USE `soen6841`;

CREATE TABLE `users` (

`ID` int NOT NULL AUTO\_INCREMENT,

`FULLNAME` varchar(255) COLLATE utf8mb3\_unicode\_ci NOT NULL,

`USERNAME` varchar(255) COLLATE utf8mb3\_unicode\_ci NOT NULL,

`PASWORD` varchar(255) COLLATE utf8mb3\_unicode\_ci NOT NULL,

`USER\_ROLE` varchar(255) COLLATE utf8mb3\_unicode\_ci NOT NULL,

`ROLE\_ID` varchar(255) COLLATE utf8mb3\_unicode\_ci DEFAULT NULL,

`EMAIL` varchar(255) COLLATE utf8mb3\_unicode\_ci DEFAULT NULL,

`ADDRESS` varchar(255) COLLATE utf8mb3\_unicode\_ci DEFAULT NULL,

`DOB` date DEFAULT NULL,

`PNUM` varchar(255) COLLATE utf8mb3\_unicode\_ci DEFAULT NULL,

PRIMARY KEY (`ID`)

) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8mb3 COLLATE=utf8mb3\_unicode\_ci;

INSERT INTO `soen6841`.`users`

(`FULLNAME`,`USERNAME`,`PASWORD`,`USER\_ROLE`,`ROLE\_ID`,`EMAIL`,`ADDRESS`,`DOB`,

`PNUM`)

VALUES

('Jon Wick','jonWick','dog','Doctor','D561344','jon52@hotmail.com','',

'1982-03-19','2144661245');

INSERT INTO `soen6841`.`users`

(`FULLNAME`,`USERNAME`,`PASWORD`,`USER\_ROLE`,`ROLE\_ID`,`EMAIL`,`ADDRESS`,`DOB`,

`PNUM`)

VALUES

('GUSTAVO FRING','Gus','busns','Counselor','S341344','gustavo.fring@gmail.com','123 Driver Lane',

'1965-10-22','2144661245');

1. Create two classes as attached.
2. Download the jar file: <https://dev.mysql.com/downloads/connector/j/>
3. Select Platform independent
4. You will see 2 versions TAR file and ZIP file, download ZIP file and extract the JAR
5. Set the environment variable name classpath to JAR you extracted
6. Connection Done
7. Run the following Code:

ALTER TABLE SOEN6841.USERS DROP EMAIL;

COMMIT;

INSERT INTO SOEN6841.USERS(FULLNAME, USERNAME,PASWORD, USER\_ROLE,PNUM)

VALUES('Manager','admin','admin123','Manager','00000000');

commit;