

EXPENSE TRACKER

Installation Instruction:

Database Scripts:

/* The database credentials used are 'root' and no password in MySQL. In case the credentials are different please update the 'spring.datasource.username' and 'spring.datasource.password' properties in 'ExpenseTracker\src\main\resources\application.properties'. */

```
create database expensetracker;
```

```
use expensetracker;
```

```
// TO CREATE USER ENTITY
```

```
CREATE TABLE `user` (
```

```
    `active` boolean NOT NULL,
```

```
    `role` varchar(255) NOT NULL,
```

```
    `username` varchar(255) NOT NULL,
```

```
    `password` varchar(255) NOT NULL,
```

```
    `name` varchar(255) NOT NULL,
```

```
    PRIMARY KEY (`username`)
```

```
);
```

```
// INSERT SAMPLE DATA
```

```
// Password for each user is 'pass' which is saved in encrypted format.
```

```
insert into user values(1,'ADMIN',  
'nithya','$2a$10$veUEUlyBIVe9BZjAOr.ILOy.65hw8IYIxH8OZlyWQg9bdd2eH/m8C', 'nithya');
```

```
insert into user values(1,'USER',  
'supraj kolluri','$2a$10$veUEUlyBIVe9BZjAOr.ILOy.65hw8IYIxH8OZlyWQg9bdd2eH/m8C', 'supraj');
```

```
insert into user values(1,'USER',  
'kiran','$2a$10$veUEUlyBIVe9BZjAOr.ILOy.65hw8IYIxH8OZlyWQg9bdd2eH/m8C', 'kiran');
```

```
insert into user values(1,'ADMIN',  
'giri','$2a$10$veUEUlyBIVe9BZjAOr.ILOy.65hw8IYIxH8OZlyWQg9bdd2eH/m8C', 'giri');
```

```
// CREATE ENTITY TO SAVE USER EXPENSES.
```

```
create table `expense` (  
    `id` int(11) NOT NULL AUTO_INCREMENT,  
    `username` varchar(255) NOT NULL,  
    `date` datetime NOT NULL,  
    `amount` double(10,2) NOT NULL,  
    `description` varchar(255) NOT NULL,  
    PRIMARY KEY (`id`),  
    FOREIGN KEY (`username`) REFERENCES `user` (`username`)  
);
```

Running the application:

```
mvn clean package
```

```
java -jar ExpenseTracker/target/ExpenseTracker-0.0.1-SNAPSHOT.jar
```

Screenshots:

Login Page:

Eg: use 'nithya' as username and 'pass' as password for admin login

Welcome

Login

Expenses Page – Admin:

Expenses		Report					
Name	Date	Amount	Description	Delete	Save		
nithya	2017-03-25 14:08:48	10.5	hello				
nithya	2017-03-25 21:08:48	11	haddha				
supraj	2017-03-26 04:08:48	200	klajdakljda	✖	🗑		
supraj	2017-03-26 04:08:48	100	skadjsa	✖	🗑		

Only the expenses corresponding to the admin are editable. The expensed owned by other users are read only.

Please use the date format 'YYYY-MM-DD hh:mm:ss' in the date column

Expenses Page – User:

Expenses						Report
Date	Amount	Description	Delete	Save	+	
2017-03-25 14:08:48	10.5	hello	✖	🔒		
2017-03-25 21:08:48	11	haddha	✖	🔒		

Report Screen:

Expenses

Report

Year	Week	Sum
2017	12	300

2017-01-01

2017-12-31

Filter

Date	Amount	Description
2017-03-26 04:08:48	200	klajdakljda
2017-03-26 04:08:48	100	skadjsa

For the date filter fields please use the format – YYYY-MM-DD