



INSTITUTE FOR ADVANCED COMPUTING
AND SOFTWARE DEVELOPMENT AKURDI, PUNE

Documentation On

**“TO DO LIST
MANAGEMENT”**
PG-DAC SEPT2021

Submitted By:

Group No: 94

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(Project Guide)

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1. Introduction

A to-do list is an organized way of maintaining the tasks you need to complete instead of relying on your memory. Whether you have general to-do's or tasks around a particular project it's important to keep track of what's been completed, what's in progress, and what's remaining to be completed.

A to-do list helps you prioritize your task and gives you an action plan for the day. In this way, you always know what you need to do at what point in time. Planning your day with a to-do list helps you know exactly what you are doing, at what time and for how long on any given day.

Document Purpose:

To-do lists help you to keep track of your personal tasks as well as professional work. It's a great way to ensure that you're making strides towards your daily and weekly goals without keeping everything in your brain.

If you don't have a to-do list ready, you're likely to miss out on major tasks and will keep wondering where did your time go!

A great way to be productive is to create a to-do list in the order of importance of any given task. In this way, you can make sure that you complete all the priority tasks first and not get distracted by not-so-important tasks.

Product Scope:

Creating a to-do list makes sure that you always have a sense of direction and know what you are doing next. This eliminates all the guesswork from your workflow and prevents you from straying away and wasting time just because you have no idea what to focus on next! To dos can not only be created for different tasks but can also be made for a single project. Dividing a large project into smaller sub-tasks can be a great way to use to-dos and get work done efficiently.

PROPOSED SYSTEM

Product functionality:

- 1.User can login and logout.**
- 2.They can manage the whole day schedule.**
- 3.And can update the list any time.**

Constraints:

1. User interface is only in English. No other language option is available.
2. User can log-in only with his assigned user-name, password
- 3.Limited to HTTP/HTTPS

Assumptions and Dependencies:

➤ Assumptions:

- 1.There is an active internet connection with the system.
- 2.The system has internet browser installed.
- 3.User knows the English language, as the user interface will be provided in English.

Operating Environment:Hardware platform:

- 1.Processor – Intel core i5, with clock speed of 2.0 GHz
2. Hard Disk – Free Disk space of above 1GB.
- 3.RAM – 1 GB or above

Software platform:

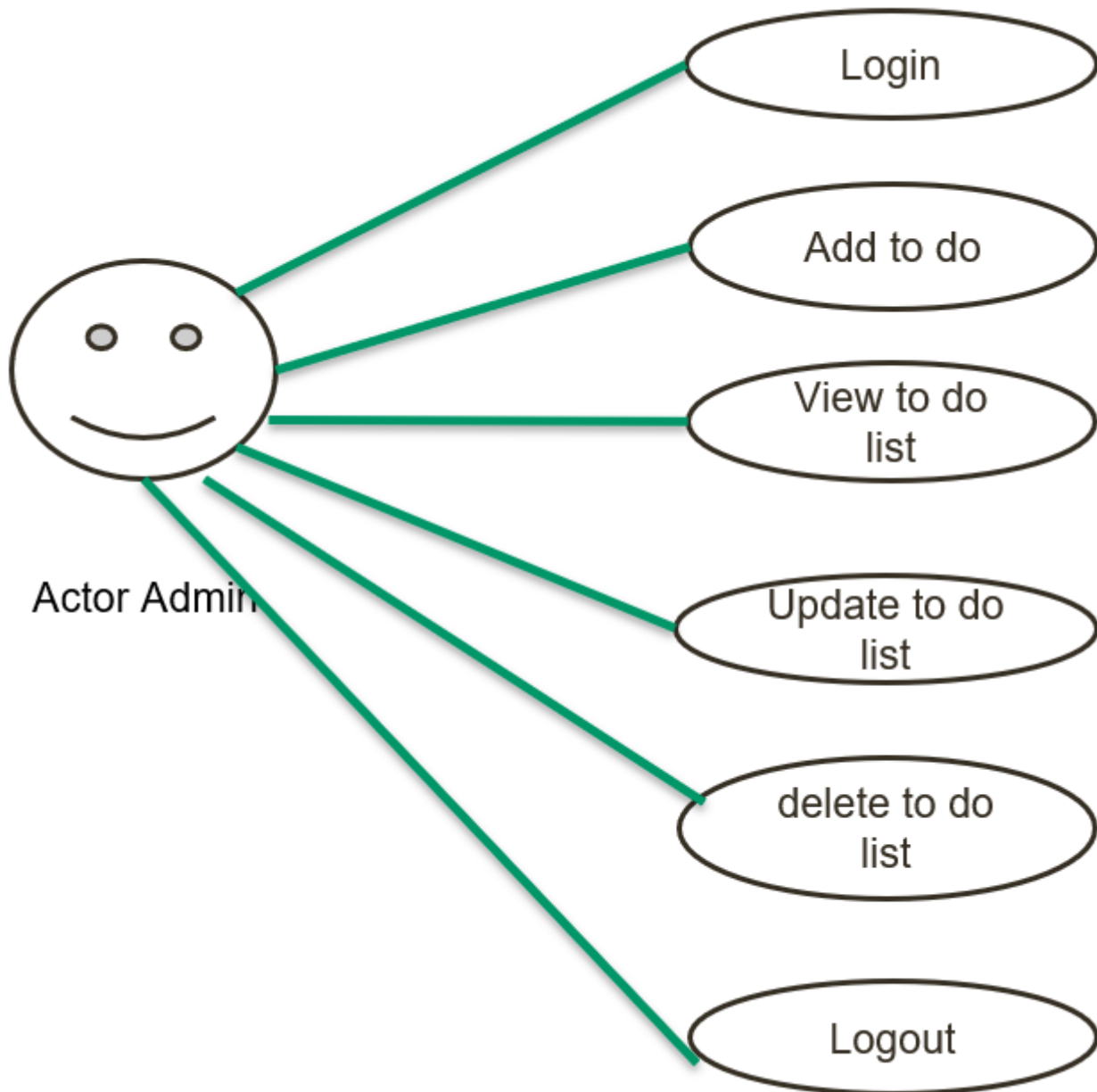
1. Front-end: HTML, CSS, Bootstrap
- 2.Database: MySQL
3. Back-end: Java Spring boot API.

Supported tools:

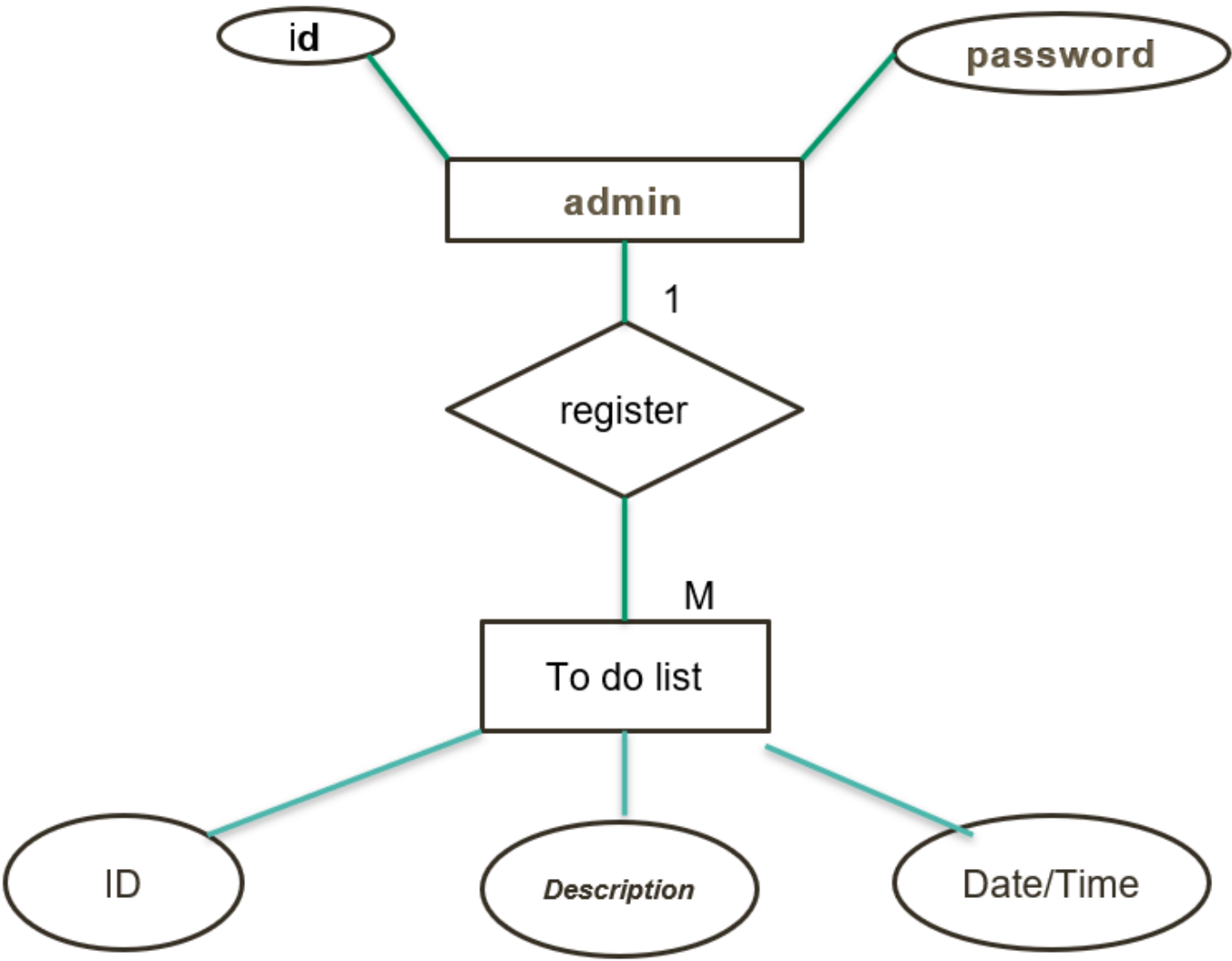
1. MySQL Workbench, Spring Tool Suite

Analysis Models :-

Use case diagram-



ER diagram

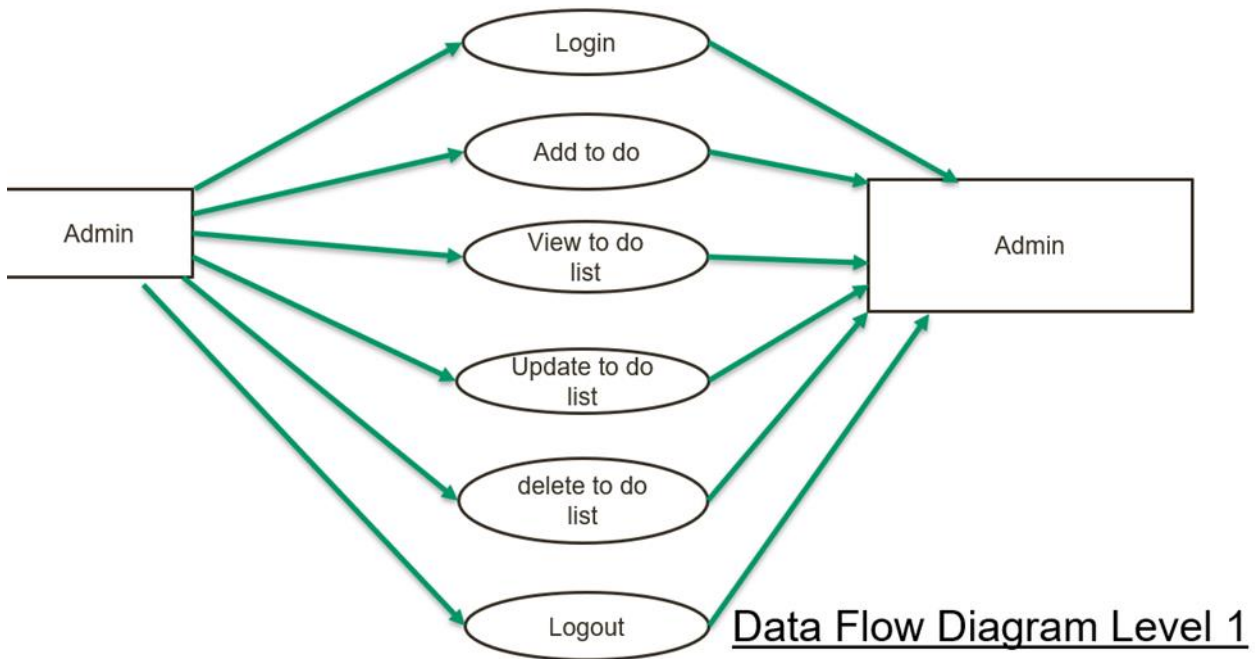


5. Data Flow Diagrams :-

5.1) Level 0



5.2) Level 1



6.Data base tables.

```
mysql> show tables;
```

```
+-----+  
| Tables_in_todo_list |  
+-----+  
| hibernate_sequence |  
| todos               |  
+-----+
```

```
mysql> select * from todos;
```

```
+-----+-----+-----+-----+  
| id | description          | target_date          | user_name |  
+-----+-----+-----+-----+  
| 3  | To complete project | 2022-04-13 00:00:00 | admin    |  
+-----+-----+-----+-----+  
1 row in set (0.01 sec)
```

```
mysql> desc todos;
```

```
+-----+-----+-----+-----+-----+-----+  
| Field          | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| id             | bigint        | NO   | PRI | NULL    |       |  
| description     | varchar(255)  | YES  |     | NULL    |       |  
| target_date    | datetime      | YES  |     | NULL    |       |  
| user_name      | varchar(255)  | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.03 sec)
```

LOGIN PAGE:

← → ↻ ⓘ localhost:8090/login?logout

 Gmail  YouTube  Maps  News  Translate

You have been logged out

Login with Username and Password

User:

Password:

Login

← → ↻ ⓘ localhost:8090

 Gmail  YouTube  Maps  News  Translate

Java Guides Home Todos Logout

Home Page


Welcome admin!! [Click here](#) to manage your todo's.


←


→


↻


localhost:8090/list-todos

 Gmail

 YouTube

 Maps

 News

 Translate

Java Guides

Home

Todos

Logout

Add Todo

List of TODO's


Description	Target Date
-------------	-------------


←


→


↻


localhost:8090/add-todo

 Gmail

 YouTube

 Maps

 News

 Translate

Java Guides

Home

Todos

Logout

Add TODO

Description

Target Date

Save

Add Todo

List of TODO's

Description

Target Date

To complete project

13/04/2022

Update

Delete

LIMITATIONS:

- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- Training for simple computer operations is necessary for the users working on the system.

2) Conclusion

3) References :-

Online References :-

- www.academia.edu
- Youtube channel – Code with harry

Software Requirement Specification

Title:-

To do list management.

Objective :-

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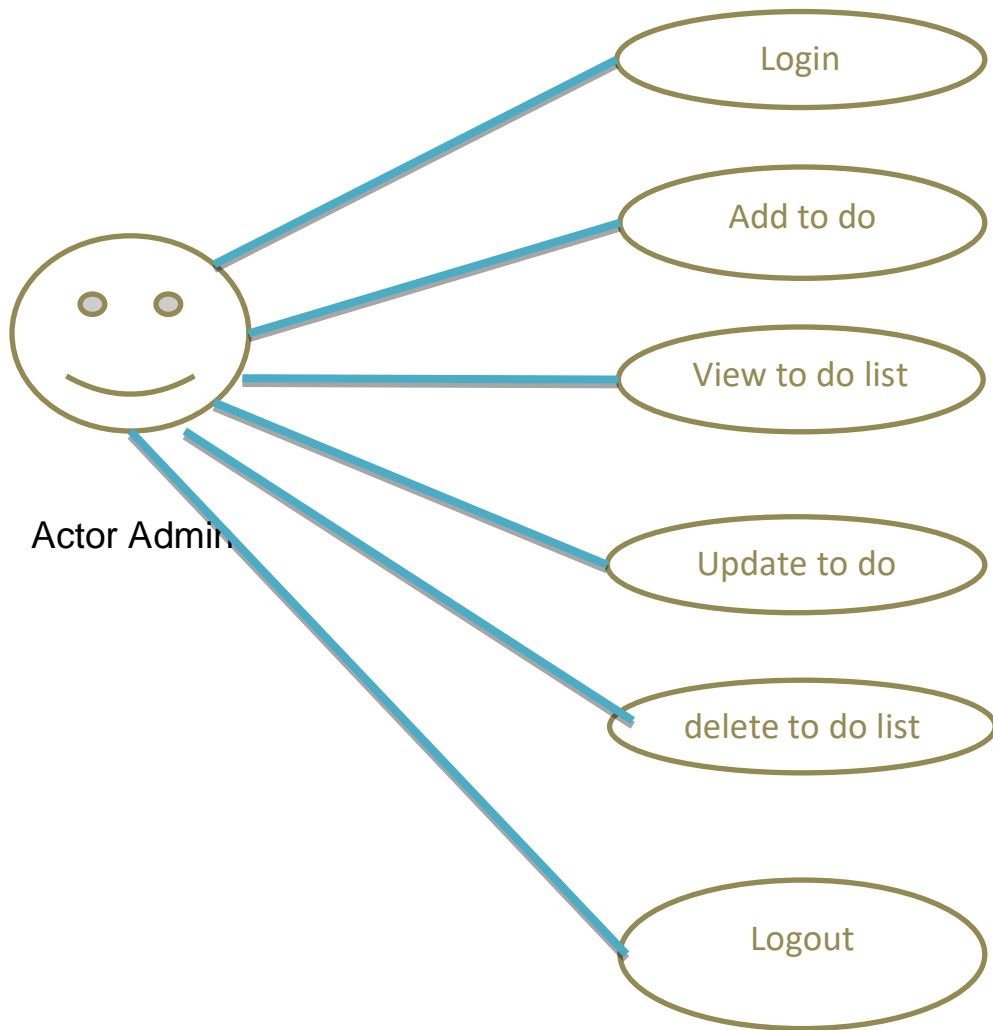
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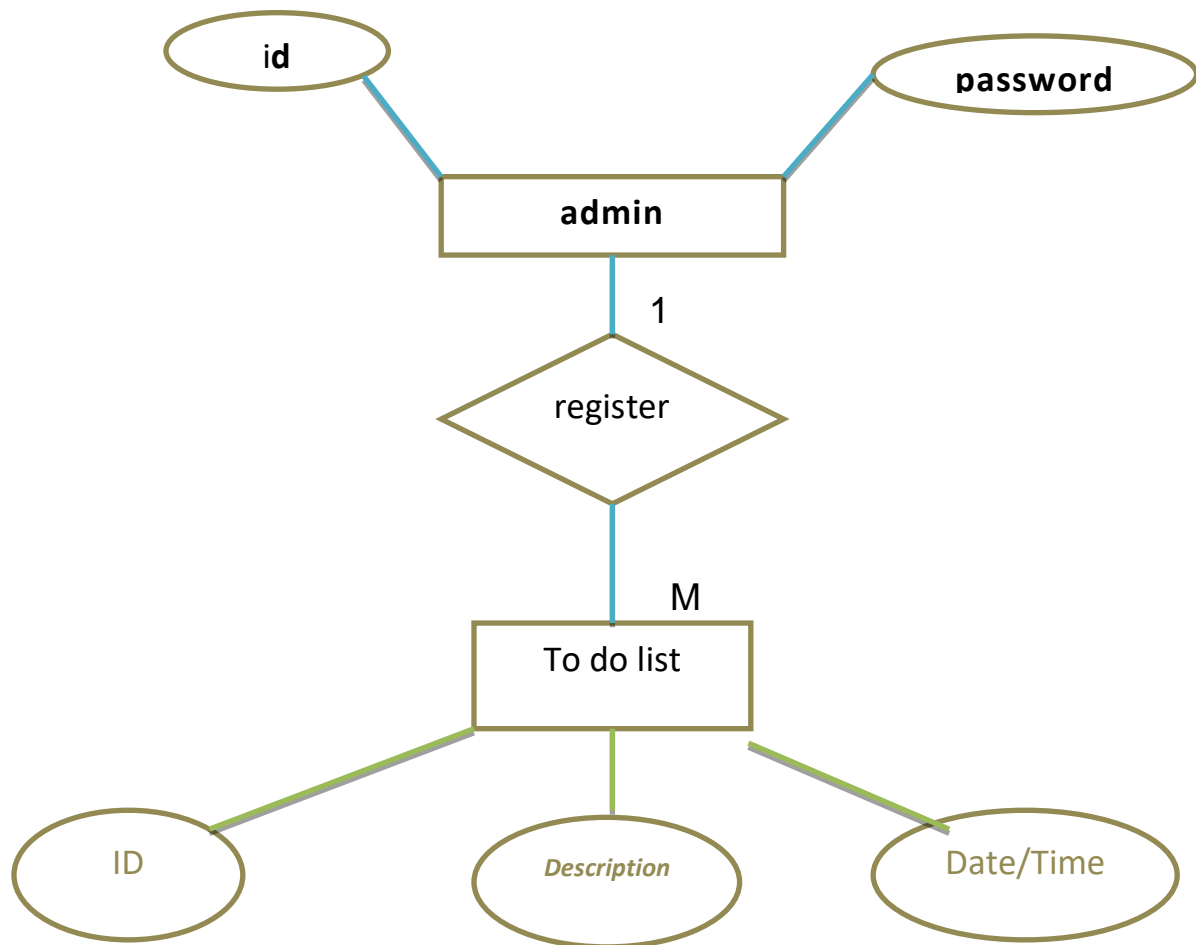
1. MySQL Workbench, Spring Tool Suite

Analysis Models :-

1) Use Case Diagram :-

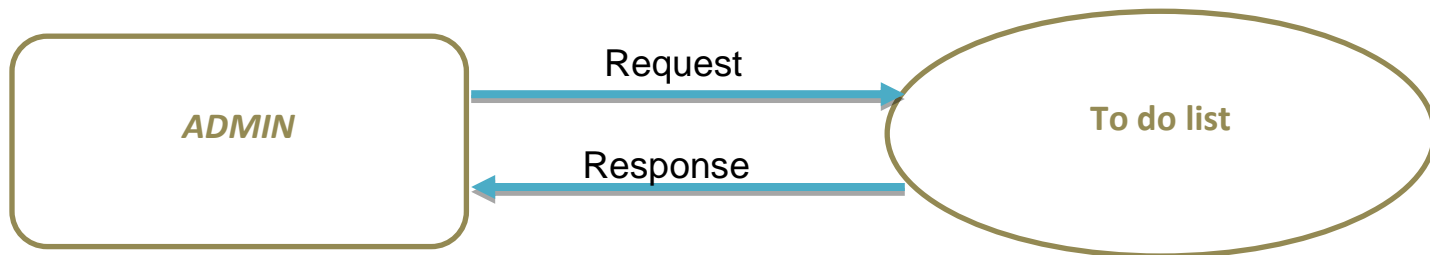


4. ER diagram

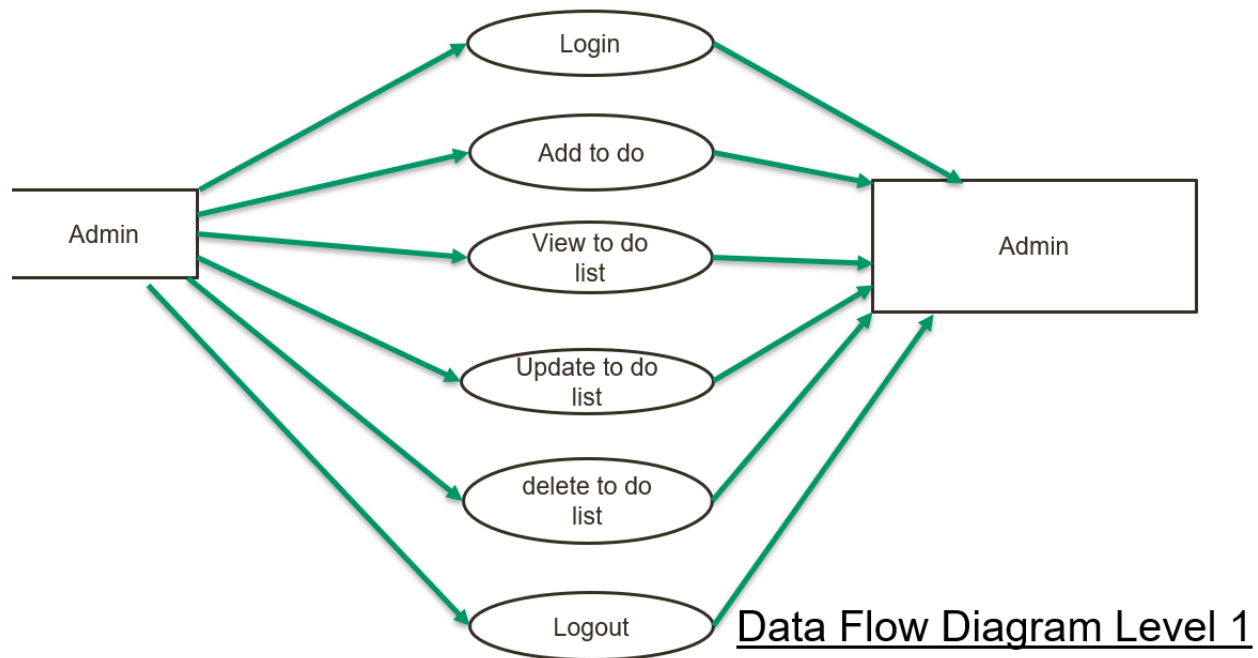


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```

```
+-----+
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+-----+
| hibernate_sequence |
| todos               |
+-----+
```

```
mysql> desc todos;
```

Field	Type	Null	Key	Default	Extra
id	bigint	NO	PRI	NULL	
description	varchar(255)	YES		NULL	
target_date	datetime	YES		NULL	
user_name	varchar(255)	YES		NULL	

```
4 rows in set (0.03 sec)
```