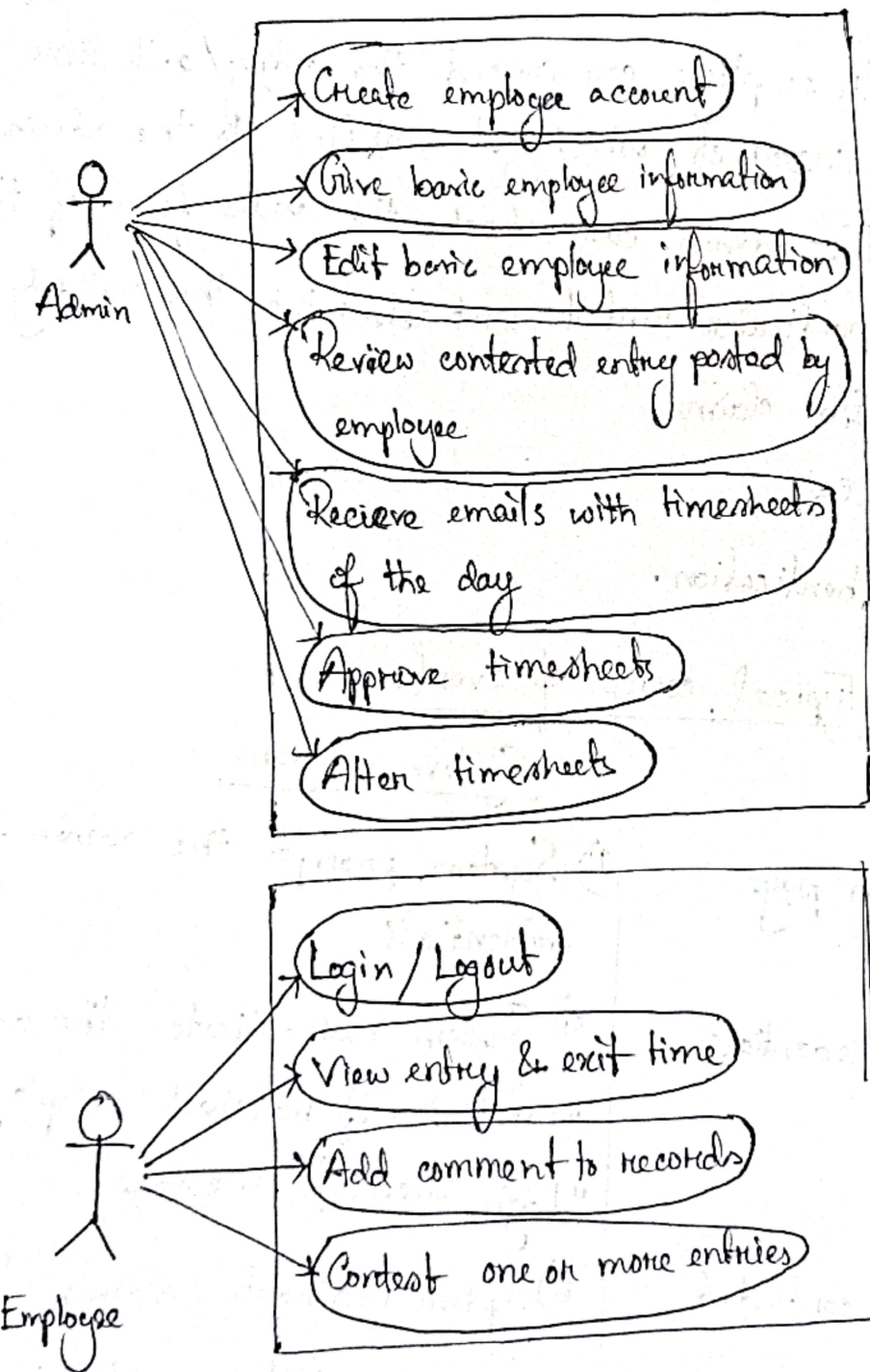


1) The use case diagram for the timesheet management system is shown below.

Here admin, user are the actors



## 2) Extended use case:

Use case name: Review contested entry

Actors: Admin

Brief description: An employee can contest the entry/exit time to be incorrect which gets notified to the admin.

The admin can check the video feed of the particular contest and determine the validity of the claim.

Type: Primary use case

Cross-reference: Authentication.

### Typical course of events

#### Action Actions

#### System actions

1) Admin goes to login page

3) Admin enters his credentials

5) Admin selects "View contested entry" from dashboard

2) System prompts the admin for credentials

4) System authenticates the admin's credentials. If matched displays a "Login Success!" message

6) System redirects admin to a selection window containing a per-day basis sort and per-employee basis sort.

- |                                                                                                        |                                                                                            |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 7) Admin can select the view to be per-employee basis or per-day basis                                 | 8) System redirects the admin to the requested page.                                       |
| 9) Admin selects the contested entry.                                                                  | 10) System brings up the video footage related to the contested entry.                     |
| 11) Admin views the footage to verify the contested claim and enters his verdict in the verdict window | 12) System records the verdict of the contest and notifies the employee about the verdict. |

### Alternate Course of Events

- 1.1) Login page is not displayed due to server error. Displays error message
- 3.1) Admin leaves a field blank or enters insufficient characters for password
- 3.2) System informs the ~~user~~ admin of the issue and prompts error message for it
- 4.1) Admin credentials don't match any registered user. If username is not registered, display an option to contact IT-admin.



4.2) If password doesn't match, re-prompts upto 3 times. If still unsuccessful forcefully redirect to login page and inform IT-admin

IT-admin

10.1) Due to hardware error, contested entry footage may not be found.