# Project Design Phase-II
# Data Flow Diagram & User Stories

| Date | 13  October 2022 |
|---|---|
| Team ID | PNT2022TMID47812 |
| Project Name | Real-Time Communication System Powered By AI For Specially Abled |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**

```
                          ┌──────────────┐
                          │     USER     │
                          └──────┬───────┘
                                 │
                                 ▼
┌──────────────┐          ┌──────────────┐          ┌──────────────┐
│  REAL TIME   │─────────▶│    MODEL     │─────────▶│  PREDICTION  │
│   CAMERA     │          └──────┬───────┘          └──────────────┘
└──────────────┘                 │
                    ┌────────────┴────────────┐
                    ▼                          ▼
            ┌──────────────┐          ┌──────────────┐
            │    NEURAL    │          │  EVALUATION  │
            │   NETWORK    │          └──────┬───────┘
            └──────┬───────┘                 │
                   ▼                          ▼
            ┌──────────────┐          ┌──────────────┐
            │ TESTING DATA │          │TRAINING DATA │
            └──────────────┘          └──────────────┘
                          │
                          ▼
                   ┌──────────────┐
                   │    IMAGE     │
                   │  PROCESSING  │
                   └──────┬───────┘
             ┌────────────┴────────────┐
             ▼                          ▼
     ┌──────────────┐          ┌──────────────┐
     │TESTING IMAGES│          │   TRAINING   │
     └──────────────┘          │    IMAGES    │
                               └──────────────┘
```
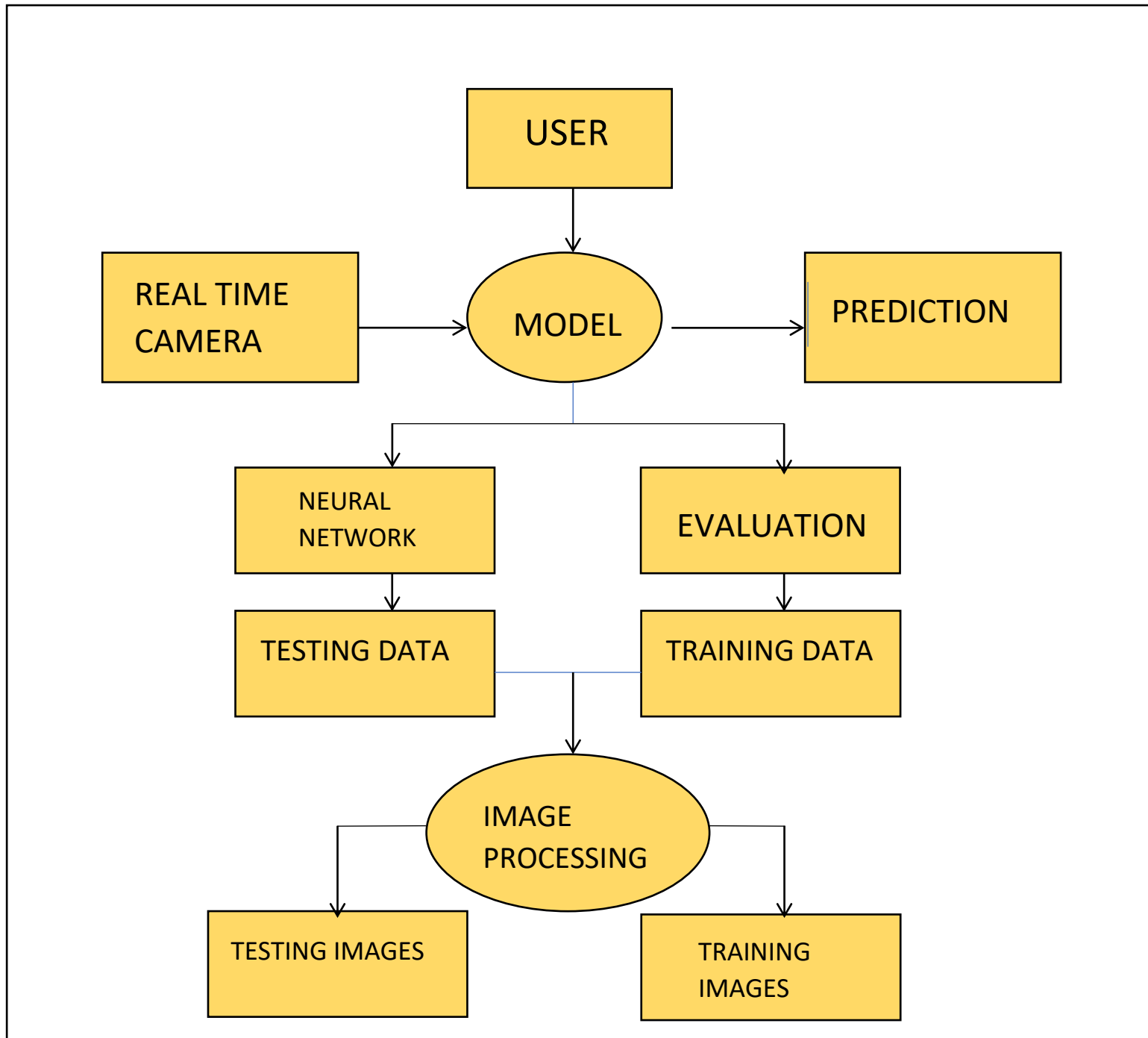
**USER STORIES**

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---|---|---|---|---|---|---|
| Administrator | Login | USN-1 | As a admin, I give user id and provide facilities to the user. | I can access account / dashboard and manage accounts. | High | Sprint-1 |
| Co-Admin | Login | USN-2 | As a co-admin , manage all accounts and answer the queries of the customer | I can manage all accounts. | Medium | Sprint-1 |
| Customer (Mobile user) | Login | USN-3 | As a user, I can register for the application through Facebook , Gmail. | I can register & access the dashboard with Facebook Login.<br><br>I can receive confirmation email & click confirm. | Low | Sprint-2 |
| Customer (Web user) | Login | USN-4 | As a user, I can register for the application through Facebook , Gmail | I can register & access the dashboard with Facebook Login.<br><br>I can receive confirmation email & click confirm | Low | Sprint-2 |