

# Project Title: Chatbot NLU Trainer & Evaluator

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## Milestone 1: Weeks 1–2 – Setup, Auth & Dataset Management

- Week 1
  - o User registration, login (JWT-based).
  - o Project workspace creation (e.g., “HR Bot”, “Travel Bot”).
- Week 2
  - o Upload datasets in various formats (CSV/JSON).
  - o Display of intents/entities from raw data.
  - o Initial project dashboard with dataset overview.

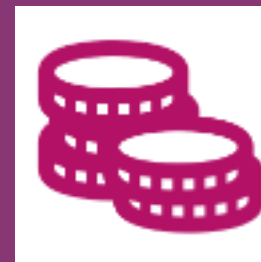
# WEEK 1: Authentication & Project Workspace Setup



**Goals:**



Secure user login and registration



JWT-based token management



Project workspace creation per user (e.g. , “HR Bot”)

## WEEK 2: Dataset Upload & Parsing



**Goals:**



Upload CSV/JSON dataset files



Parse data to extract:

Unique intents  
Entities (from structured labels)



Display dataset summary on dashboard

# Major outcomes

Criteria	Goal
Auth flow works	Register/Login with JWT, access-protected pages
Project setup	Create and manage multiple projects per user
Dataset upload	Accept and validate CSV/JSON formats
Metadata extraction	Show unique intents, entity labels, and counts
Backend database ready	Users, Projects, Datasets, Intents, Entities stored properly
Frontend dashboard	Interactive view per project and its dataset summary

# Milestone 1: Setup, Auth & Dataset Management

Weeks 1-2

Weeks 1-2

Implementation of **user authentication**, project workspace creation, and dataset management functionality.

- 🛡️ **JWT-based** user authentication
- 📁 **Project workspace** creation
- ☁️ **Dataset import** in various formats
- 📊 **Dataset overview** dashboard

- ✅ **Evaluation Criteria**
- ✔️ Login/registration, dataset upload, workspace dashboard

Authentication   Workspace   Dataset Upload

## User Authentication & Dataset Management

Email Address

Password

Sign In

OR

Create New Account

### Project Workspaces

🗨️ HR Bot	Created: 2023-05-15
✈️ Travel Bot	Created: 2023-05-20

+ Create New Workspace



Upload dataset in CSV, JSON, or Rasa format

Choose File