InternHub

Next-Gen Internship Management

POLITECNICO
MILANO 1863

Our Team

Shreesh Kumar Jha

Samarth Bhatia

Satvik Sharma

POLITECNICO
MILANO 1863

Project Description

🚀 **InternHub – Students & Companies (S&C): The Smart Internship Connector!**

📢 Simplifying internships, empowering careers! 🌍✨

📚✨ **Features**:

- 🔗 **Match:** AI-powered algorithms connect students with the best-fit internships.
- 📝 **Manage:** Streamline application, selection, and tracking in one place.
- 💬 **Feedback:** Continuous evaluation ensures quality experiences.
- 🏫 **Integrate:** Universities, students, and companies collaborate seamlessly.
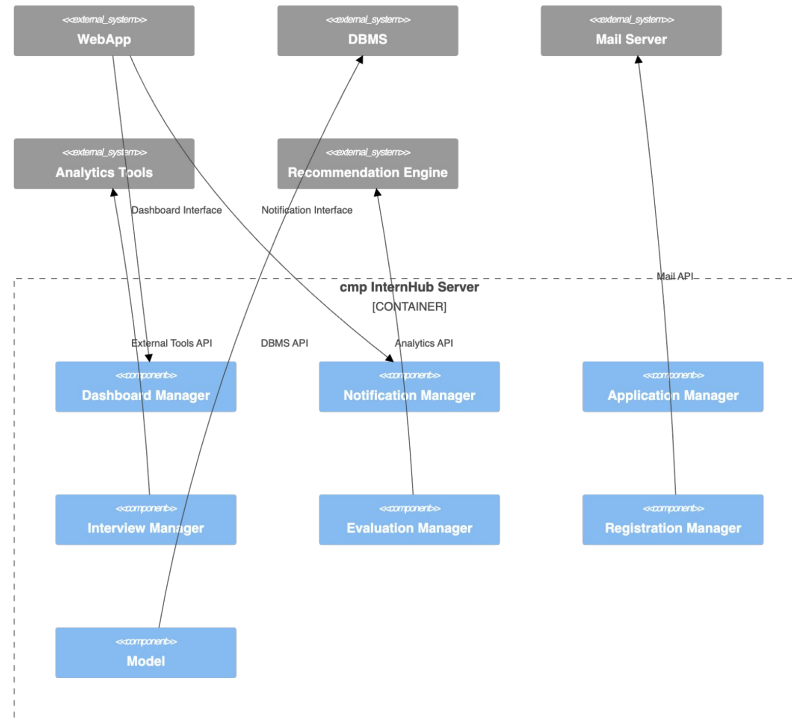- 🎯 **Optimize:** Data-driven insights improve internship programs over time.

POLITECNICO
MILANO 1863

Requirements

Functional & Non-Functional

POLITECNICO
MILANO 1863
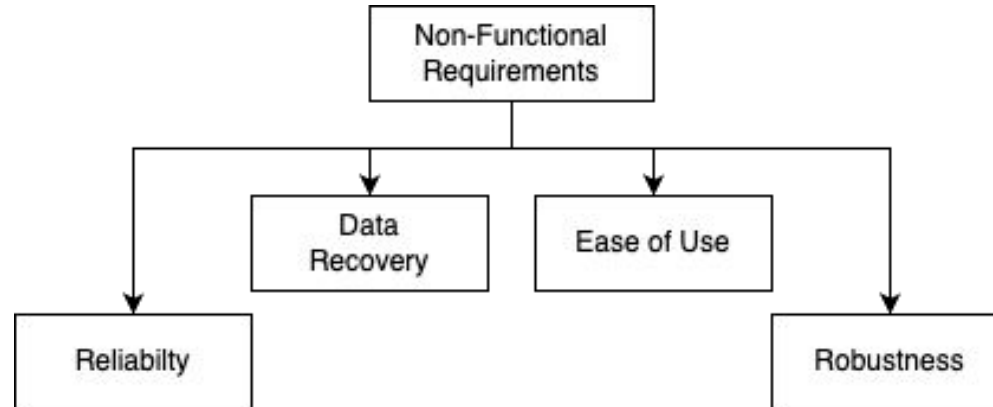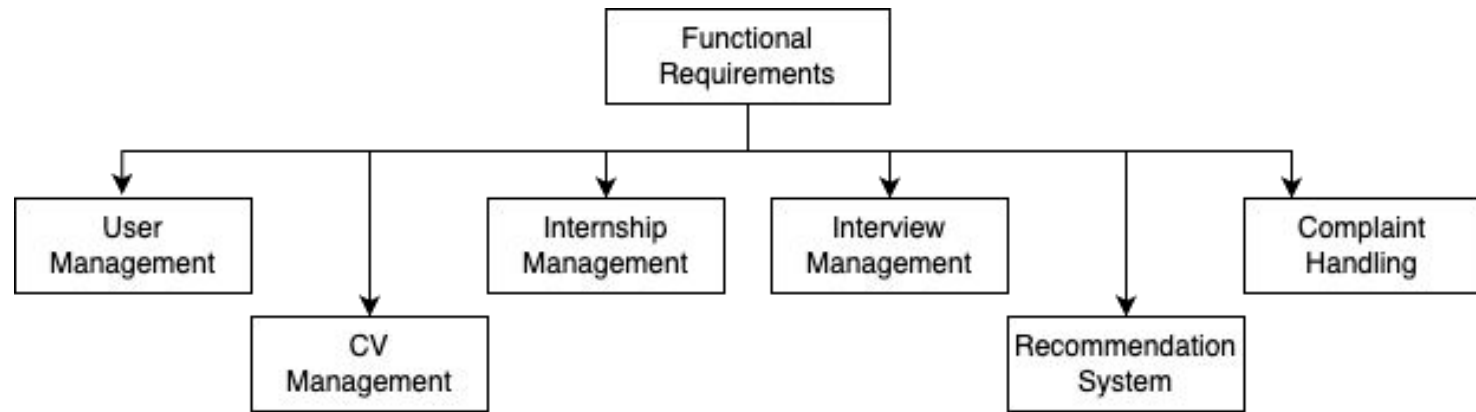
System Overview

Key Components 🛠️

- **Dashboard Manager** 📊:
  Interfaces with Analytics Tools for insights.
- **Notification Manager** 🔔:
  Manages notifications from the
  Recommendation Engine.
- **Application Manager** 📑:
  Handles user applications.
- **Interview Manager** 🎤:
  Organizes interview processes.
- **Evaluation Manager** 📋:
  Assesses candidate performance.
- **Registration Manager** 📝:
  Manages new user sign-ups.
- **Model** 🤖:
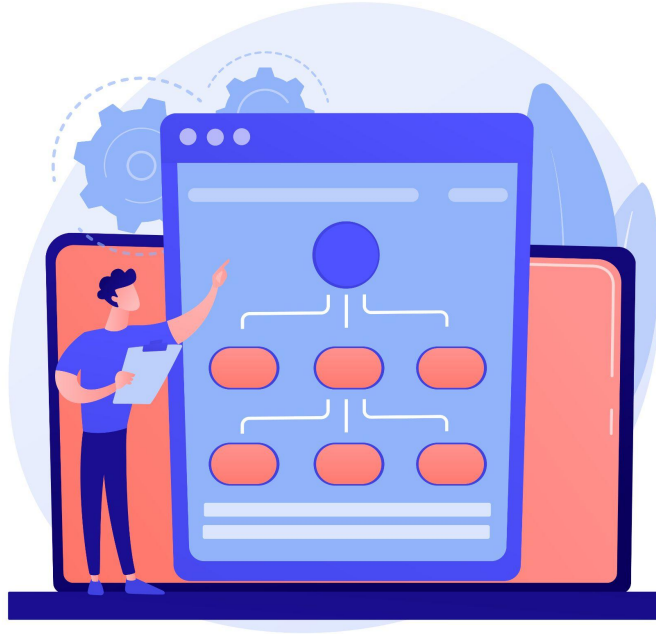 Supports AI-driven decision-making.
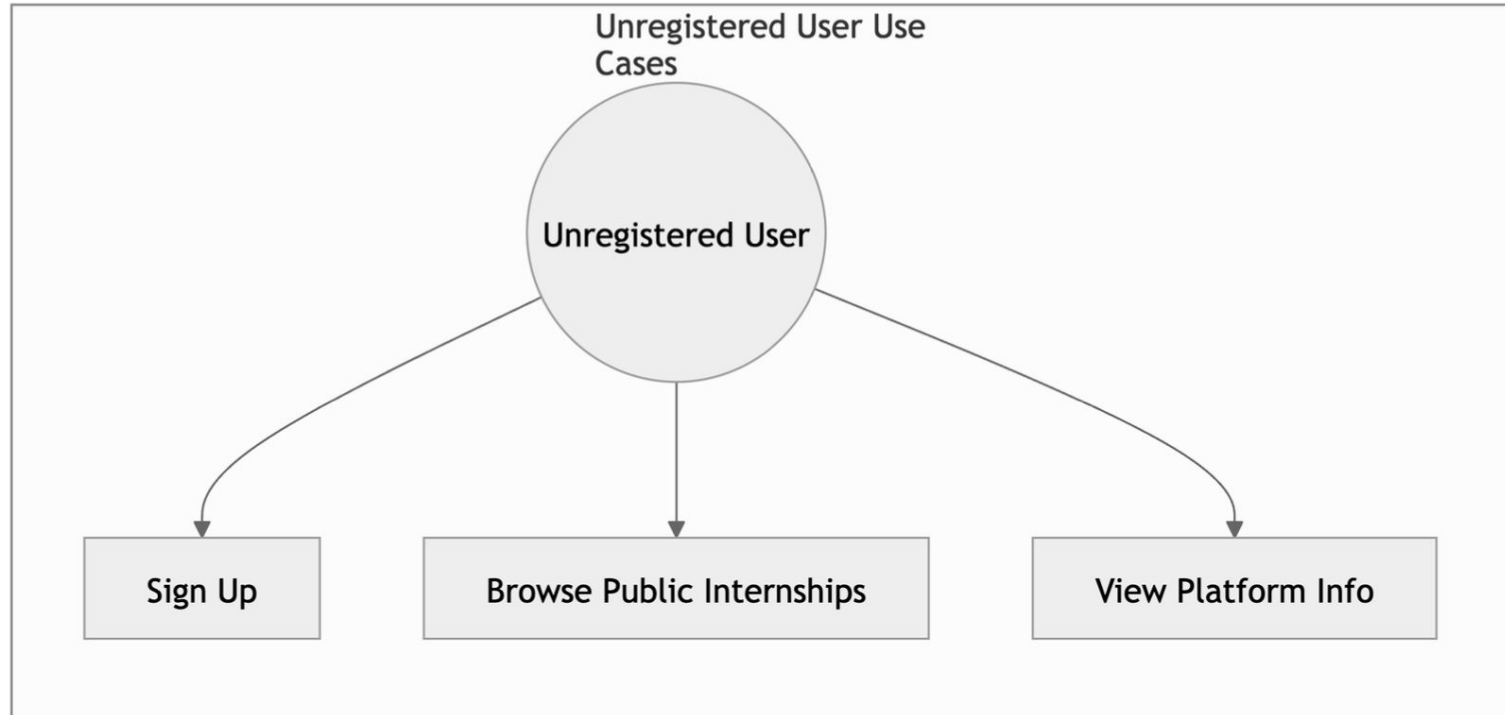
APIs & Interfaces 🌐

- **DBMS API** 🗄️:
  Connects system components to the database.
- **Analytics API** 📉:
  Fetches analytical data.
- **Mail API** 📧:
  Sends email notifications.
- **Notification Interface** 🔔:
  Receives recommendations.
- **Dashboard Interface** 📊:
  Provides insights for decision-making.

POLITECNICO
MILANO 1863

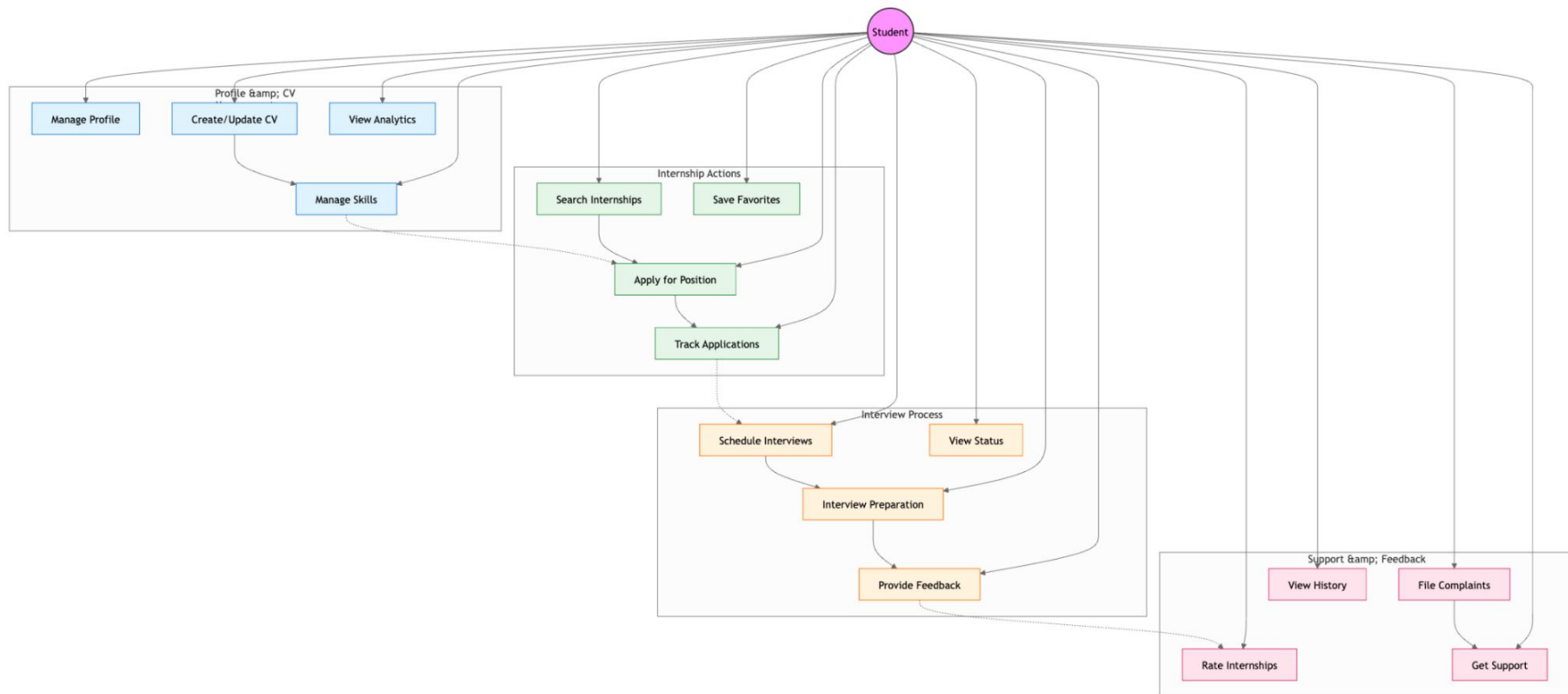# Use-Case Diagrams

POLITECNICO
MILANO 1863

Use-Case Diagram: Unregistered User

Unregistered User Use Cases

Unregistered User

Sign Up

Browse Public Internships

View Platform Info

POLITECNICO
MILANO 1863

Use-Case Diagram: Student

Use-Case Diagram: University Administrator
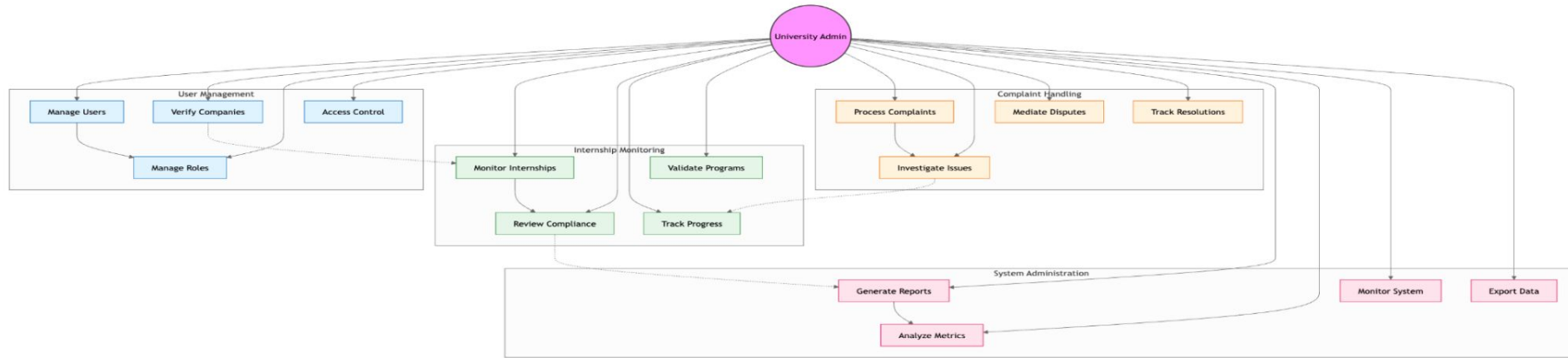
Use-Case Diagram: Company

POLITECNICO
MILANO 1863

Tech Stack

POLITECNICO
MILANO 1863
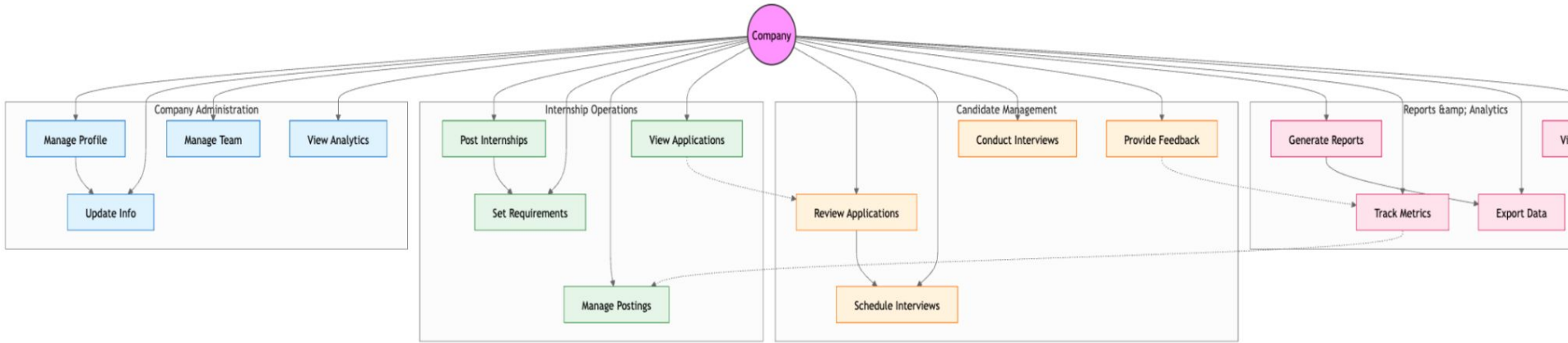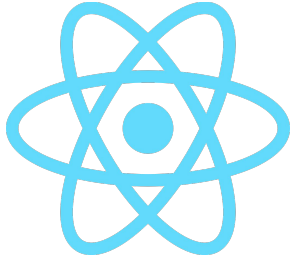
Verification and Validation

POLITECNICO
MILANO 1863

🎯 Objective

The main objective is to ensure that our application runs correctly and doesn't generate any undesirable results.

⚙️ Key Areas to Test:

👉 Internship Matching

👉 Internship Management

👉 User Management

👉 Internship Workflow

👉 Non-functional Requirements

‼️ Testing Importance:

Testing is necessary because we want to make use that the code implemented reflects the requirements as best as possible.

🗺️ Testing Strategy:
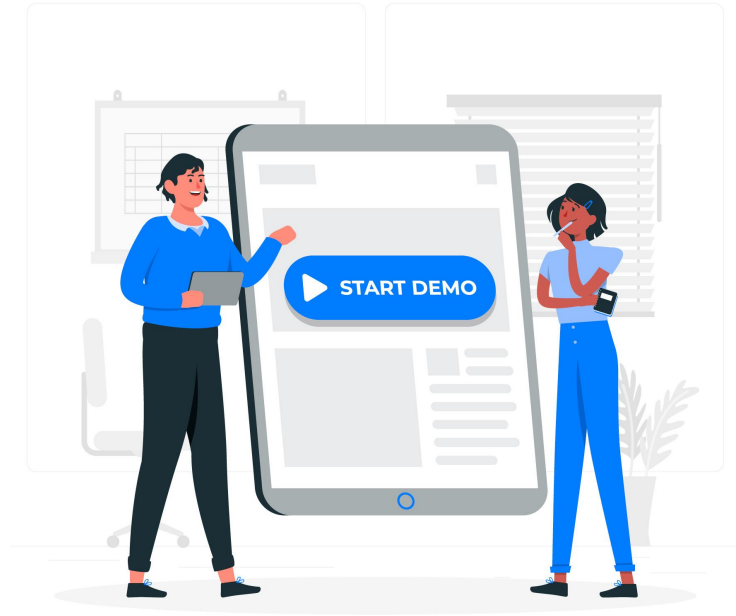
Testing has been conducted manually, accompanied by thorough reviews and comprehensive documentation of each procedural step.

POLITECNICO
MILANO 1863

Project Demo

Thank You!
Any Questions?

POLITECNICO
MILANO 1863