Biweekly Report (7 April to 20 April)

Team 14 张茁含睿 胡家豪 黄俊哲 陶子芾

Ongoing Work

RBS, WBS, and Schedule Updates: Continuously update the WBS diagram, RBS diagram, and schedule.   **张茁含睿   3 hours**

Project Architecture Design: Conduct architecture design for the news detection platform system.   **张茁含睿   3 hours**

Project Requirements Analysis: Create system use case diagrams and activity diagrams to analyze system requirements.   **黄俊哲   6 hours**

Database Design: Perform class design for the system and complete the system's design class diagram.   **胡家豪   6 hours**

Backend Development: Enter the backend development phase, deploy the open-source detection model from GitHub locally, and conduct debugging and testing.

陶子芾   6 hours

Current Progress

Now we successfully deployed the open-source detection model from GitHub to the local environment, and we are debugging and testing to ensure model integration and performance. At the same time, we are building the backend framework using **Python Flask** with **RESTful API** design, and we are drafting **API documentation** to standardize interface specifications for frontend-backend integration.

Next Step   （21 April to 4 May）

In the next two weeks, we will gradually complete the backend code implementation work, including Flask architecture construction, model fusion, and API documentation writing