**第一周：项目启动阶段**

在项目启动阶段，我主要参与了需求获取、分析与确认的全过程。通过与团队成员及相关利益相关者的多次沟通，我们初步明确了项目的范围和核心目标，并将开发重点聚焦在“机器维护平台”的搭建与其所依赖的预测模型的训练与应用上。

在项目章程（Project Charter）的制定过程中，我着重负责了工作分解结构（RBS与WBS）的细化与优化。具体来说，我将整个项目目标分解为三大模块：**核心功能开发、非核心功能开发、预测模型的开发与训练**，并针对每一模块进一步细化了子任务，明确了各模块之间的逻辑关系与依赖顺序。

在原有项目计划的基础上，我重新调整并绘制了更加详尽的甘特图，优化了时间安排，合理分配了每项任务的起止时间与持续周期。同时，我将各个任务指定给具体的责任人，确保每个任务都能落实到人，提升项目执行效率。该阶段的总工作时长约为 **5小时**。

**第二周：项目计划阶段**

进入项目计划阶段后，我主要承担了项目**测试计划**的整体设计工作，制定了包括单元测试、集成测试、系统测试以及用户验收测试在内的完整测试流程。

* **单元测试**部分计划与开发同步进行，由开发者对其所负责的功能模块进行自测，确保每个组件在集成前都具备基本的可用性与稳定性。
* **集成测试**将分为核心功能与非核心功能两部分，分别在各自的模块完成集成开发后，由相关模块负责人牵头组织测试，验证模块间的接口调用与数据交互是否准确。
* **系统测试**将在整个系统开发完成后统一进行，覆盖所有业务流程与功能场景，以检验系统整体的稳定性与性能。
* **用户验收测试**则安排在发布准备阶段，邀请部分目标用户进行真实使用场景下的试用，收集反馈意见，并据此优化产品质量。

在制定测试计划的过程中，我还参考了以往项目的经验，并结合本项目的实际特征，合理安排了测试的时间节点和人员分工。该阶段的总工作时长约为 **6小时**。

**Week 1: Project Initiation Phase**

During the project initiation phase, I was primarily involved in the process of requirements gathering, analysis, and confirmation. Through several discussions with team members and relevant stakeholders, we clarified the project scope and defined the main objectives, focusing on the development of a machine maintenance platform and the training of its underlying predictive model.

In the development of the Project Charter, I took the lead in refining the Resource Breakdown Structure (RBS) and the corresponding Work Breakdown Structure (WBS). I categorized the overall project into three main components: core functionality, non-core functionality, and predictive model development and training. Based on this decomposition, I revised and enhanced the existing Gantt chart to reflect a more detailed schedule, clearly outlining task durations, dependencies, and milestones.

In addition, I assigned specific team members to each task to ensure accountability and improve execution efficiency. The total time spent on this phase was approximately 5 hours.

**Week 2: Project Planning Phase**

During the planning phase in the second week, I was mainly responsible for designing the **project testing strategy**, which covers **unit testing, integration testing, system testing**, and **user acceptance testing**.

* **Unit Testing** is planned to be conducted in parallel with the development process, with developers being responsible for testing their own modules to ensure baseline functionality and stability.
* **Integration Testing** will be divided into two stages: one for core functions and another for non-core functions. Once the development of each module is completed, the respective module lead will organize integration testing to validate the correctness of data exchange and interface interactions.
* **System Testing** will be performed after all modules are integrated, aiming to verify the stability and performance of the overall system across all business processes.
* **User Acceptance Testing** will take place during the pre-release phase, where selected target users will participate in real-world scenario testing, providing feedback to further refine the system.

When designing the testing plan, I also referenced previous project experiences and tailored the testing timeline and responsibilities based on the specific characteristics of this project. The total time spent during this phase was approximately **6 hours**.