昆山杜克大学校企协同创新平台_挑战项目详情

合作方信息			
机构名称:	小 X 宝		
机构类型:	NPO		
官网 / 官方账号链接:	https://info.xiao-x-bao.com.cn		
联系人:	吴晶		
项目信息			
项目类别:	科技创新类		
预期开启时间	2026 年 2 月	预计结束时间	2026 年 7 月

机构背景：

由于服务对象的特殊性、发起与发展背景的独特性，以及社区存在的迫切需求，小 X 宝社区发展成为一个具有特色的 AI 开源公益平台。该社区深刻理解肿瘤及罕见病患者在疾病知识、护理技能、用药经验及医生资源等方面的困境，致力于构建系统、实用的知识体系。其目标是覆盖从早期筛查、确诊、治疗到康复护理的完整治疗流程，建立全面的知识框架，为患者及其家属提供全方位支持。在社区建设过程中，小 X 宝倡导人人参与的知识生态，无论是患者、家属，还是专业医护人员，均可在平台上分享经验、学习知识，形成互助共建的良性循环。

项目概述：

本项目将与小 X 宝开展合作，学生团队将通过任务广场（https://info.xiao-x-bao.com.cn）选择感兴趣的项目，并加入项目组与外部工程师及头部领域专业医师进行协同开发。项目开发主要集中在代码实现与技术搭建，同时部分项目将涉及社区激励机制设计与运营策略。参与过程中，学生将全面锻炼项目管理、跨团队协作、用户研究与迭代优化等能力，亲身体验真实创新生态系统中的研发流程与团队协作模式，从而提升技术实践能力与综合解决问题的能力。

潜在项目：

- 小雪宝 – 白血病 AI 关爱助手
- 小芙宝 – 妇科三大癌肿智能 RAG 系统
- 放疗助手 RAG 系统
- 双心宝-双心疾病（心脏+心理）的 AI 智能助手项目
- 骨肉瘤项目
- 2000+患者群/运营方向

支持与资源：

1. 任务与项目资源：提供完整的任务广场信息，包括可供学生认领的项目列表、项目背景资料、开发需求说明以及预期成果。
2. 技术与平台支持：提供必要的开发平台、代码库访问权限、API 接口及相关技术文档，确保学生能够顺利进行项目开发。
3. 导师或指导支持：安排项目负责人或技术/运营导师，定期进行答疑、反馈与进度指导，帮助学生解决开发中遇到的技术或协作问题。
4. 项目评估与反馈：提供阶段性评估与反馈，包括项目可行性、用户体验、技术实现等方面的指导，帮助学生优化成果。
5. 合作交流渠道：为学生团队与外部项目组搭建沟通渠道，包括线上会议、协作工具及必要的对接支持。

其他说明：

1. 本项目的 IP 代码著作权归项目参与者个人所有。项目方鼓励参与者将代码捐赠给社区；若完成捐赠且项目符合相关条件，天工开物基金会（开源基金会）将为参与者提供志愿者工作贡献证书及志愿者积分。

昆山杜克大学 DUKE KUNSHAN UNIVERSITY

Co-Innovate

DKU Co-Innovate Platform_Challenge Information

Partner Information			
Organization Name:	Xiao-X-Bao		
Organization Type:	NPO		
Website / Official Account Link:	https://info.xiao-x-bao.com.cn		
Contact Person:	Jing Wu 吴晶		
Project Information			
Project Category:	Technology Innovation Project		
Expected Start Date	February 2026	Expected End Date	July 2026

Organization Background:

Due to the special characteristics of its service beneficiaries, its unique origin and development context, and urgent community needs, Xiao-X-Bao (小X宝) has developed into a distinctive AI open-source public-interest platform. The community has a deep understanding of the challenges faced by oncology and rare-disease patients in areas such as disease knowledge, caregiving skills, medication experiences, and access to doctors and resources, and is dedicated to building a systematic, practical knowledge system.

Its goal is to cover the full treatment journey - from early screening and diagnosis to treatment and rehabilitation care - establishing a comprehensive knowledge framework and providing all-around support for patients and their families. In community building, Xiao-X-Bao advocates a participatory knowledge ecosystem: patients, family members, and professional medical staff can all share experiences and learn together on the platform, forming a positive cycle of mutual support and co-creation.

Project Overview:

In collaboration with Xiao-X-Bao, students will select projects of interest via the Task Hub at https://info.xiao-x-bao.com.cn, join project groups, and collaborate with external engineers and leading domain physicians on co-development. Development work will focus primarily on code implementation and technical infrastructure, while some projects may also involve designing community incentive mechanisms and operations strategies.

Through participation, students will strengthen project management, cross-team collaboration, user research, and iterative optimization capabilities, and gain first-hand experience with real R&D workflows and teamwork in an

innovation ecosystem, thereby improving practical technical skills and comprehensive problem-solving abilities.

Potential projects include:
- 小雪宝- Leukemia AI Care Assistant
- 小芙宝 - Intelligent RAG System for Three Major Gynecological Cancers
- Radiotherapy Assistant RAG System
- 双心宝 - AI Assistant for Dual-Condition (Heart + Mental Health) Care
- Osteosarcoma Project
- 2,000+ patient groups / operations initiatives

Support & Resources:

1. Tasks & project resources: Provide full Task Hub information, including the list of projects students can claim, project background materials, development requirement descriptions, and expected deliverables.
2. Technical & platform support: Provide necessary development platforms, access to code repositories, API interfaces, and technical documentation to ensure smooth development.
3. Mentor/coaching support: Arrange project owners or technical/operations mentors for regular Q&A, feedback, and progress coaching to help resolve technical or collaboration issues.
4. Project evaluation & feedback: Provide staged evaluations and feedback (e.g., feasibility, user experience, technical implementation) to help students optimize outcomes.
5. • Collaboration channels: Set up communication channels between student teams and external project teams, including online meetings, collaboration tools, and necessary liaison support.

Additional Notes:

The IP and code copyright of this project belongs to the individual participants. The project encourages participants to donate their code to the community; if the donation is completed and the project meets relevant conditions, The Chance Foundation (天工开物基金会) will provide participants with volunteer contribution certificates and volunteer points.