

3D Acupuncture Healthcare Data Management And Treatment System

Introduction

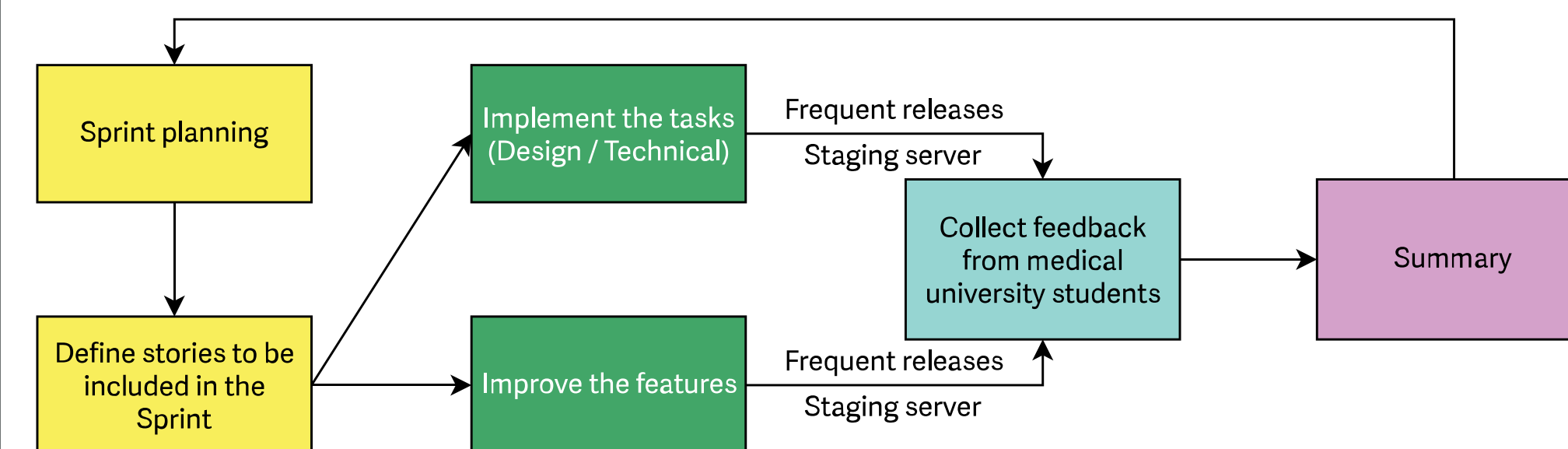
The project provides an interactive method for studying through 3D model, with the goal of being a companion for medical students to learn about Acupuncture more effectively and more easily.

Objectives

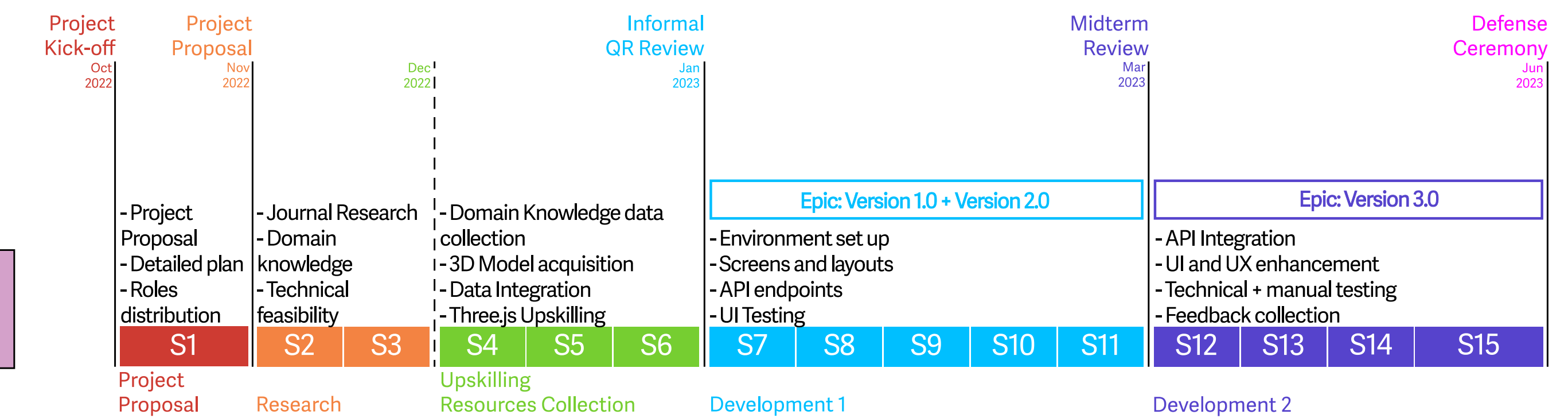
- Apply advanced SE methodology into professional environment.
- Learn and apply new technical skills and soft skills, apply successfully into building software products.
- Design and develop a website that would be a great companion to assist medical students in learning about Acupuncture.

Method

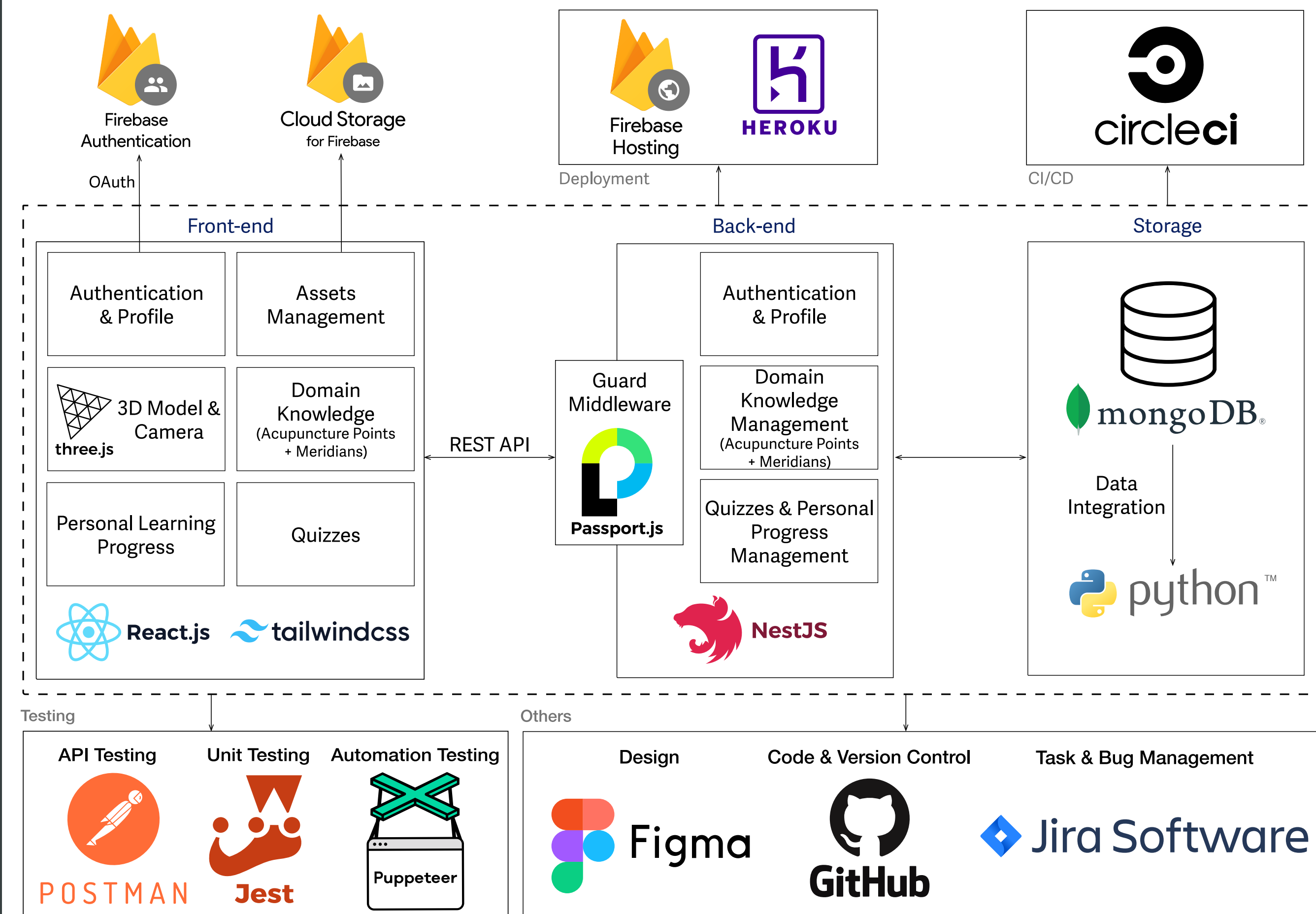
Modified SCRUM Process



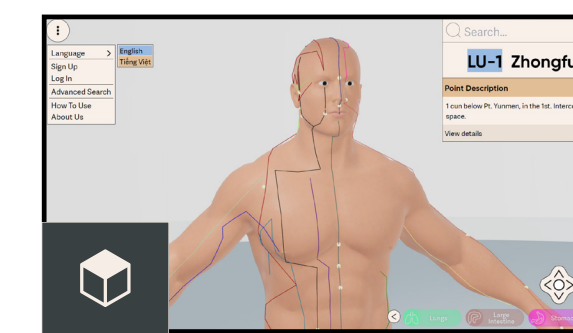
Timeline



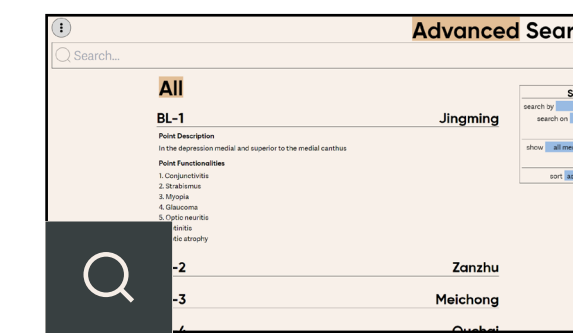
Architecture



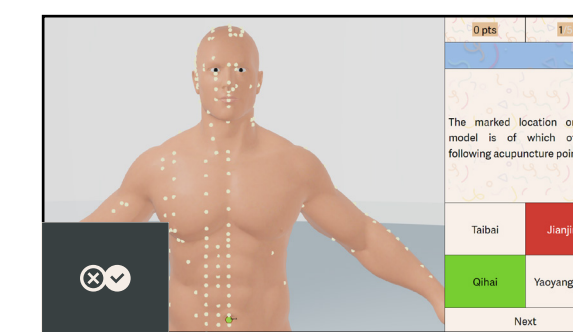
Feature List



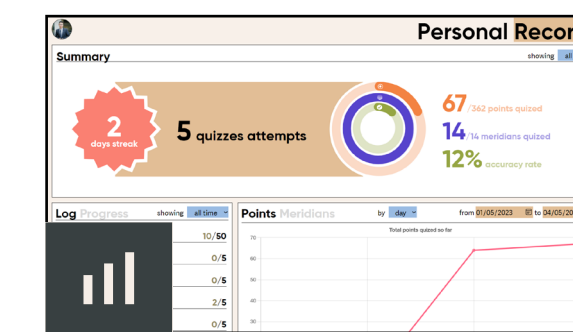
3D Interactive Model
with 362 acupuncture points and 14 meridians marked



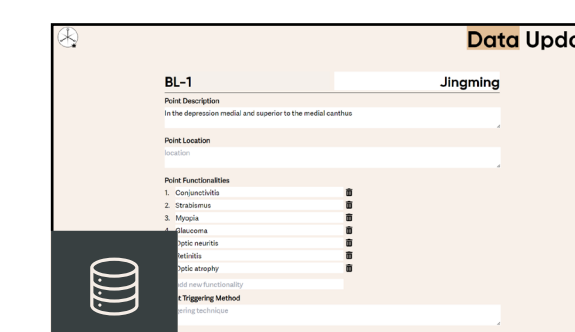
Acupuncture Domain Knowledge Search System



Interactive Quizzes



Personal Learning Progress Management



Data Management
(for Admins)

Achievements

- Understood fundamental acupuncture knowledge.
- Applied user-first design thinking techniques.
- Developed a website with an interactive 3D human body model.
- Resolved all challenges & difficulties.
- Enhanced team's technical skills and soft skills.

Difficulties

- Disparity between practice and theory.
- Client withdrawal.
- New to the technology.
- Lack of fundings.

Teammembers



Nhan Nguyen Cao



Trang Ho Ngoc Thao

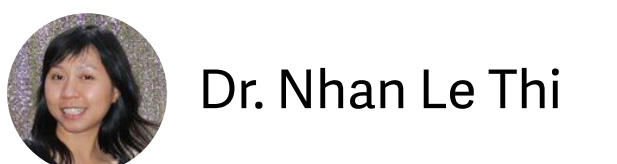


Chuong Pham Dinh



Tan Le Tran Ba

Supervisor

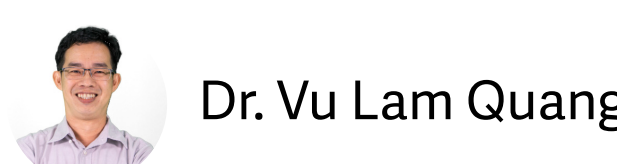


Dr. Nhan Le Thi

Project Coordinators



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