

3D Acupuncture Healthcare Data Management And Treatment System

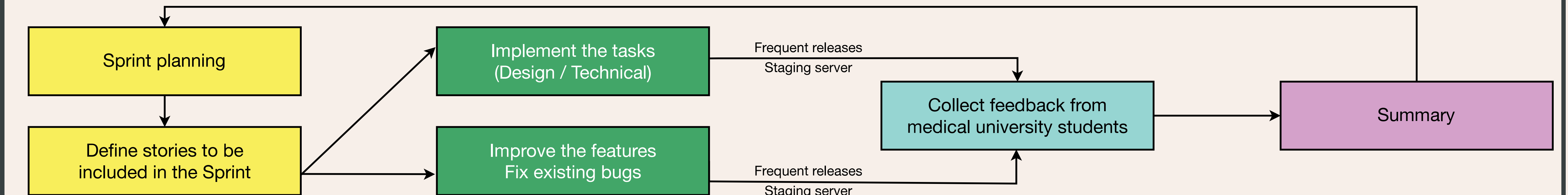
Introduction

Learning Acupuncture has never been easy, especially for medical students, because the network of more than 360 acupuncture points spanning over 14 meridians on the human body is very complex. 3D modeling technology has been and is always an effective solution to model physical objects, to increase interaction and visuals for users. Taking that as an opportunity, our project provided an easy-to-use and efficient website with 3D Acupuncture Human body model integrated, aiming to be a companion for medical students to learn Acupuncture more effectively and more easily.

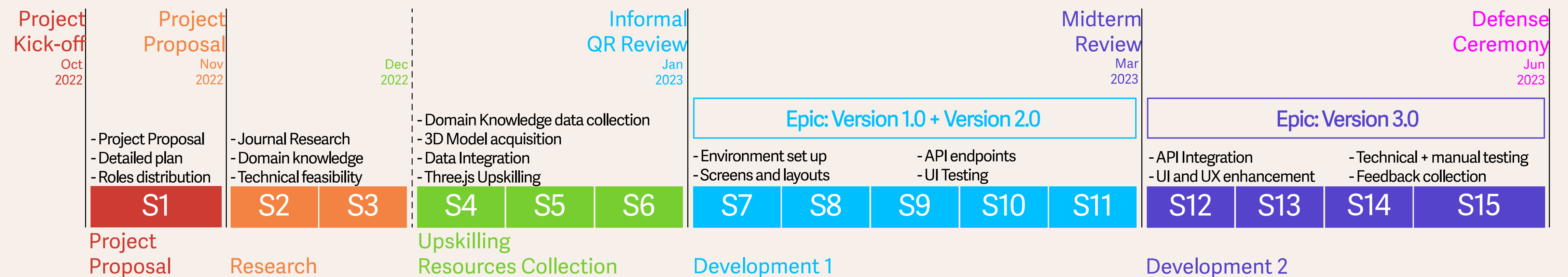
Objectives

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

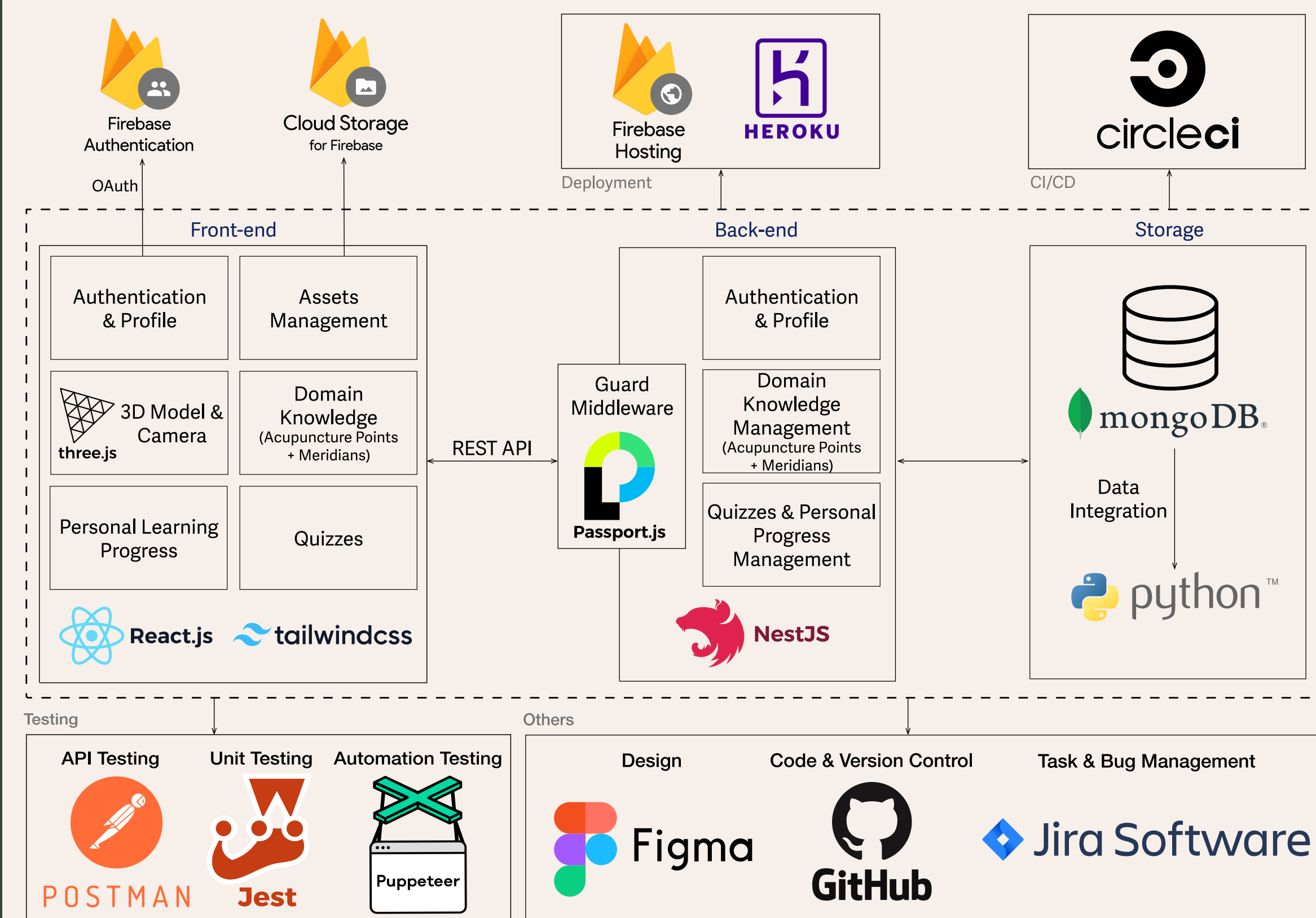
Method



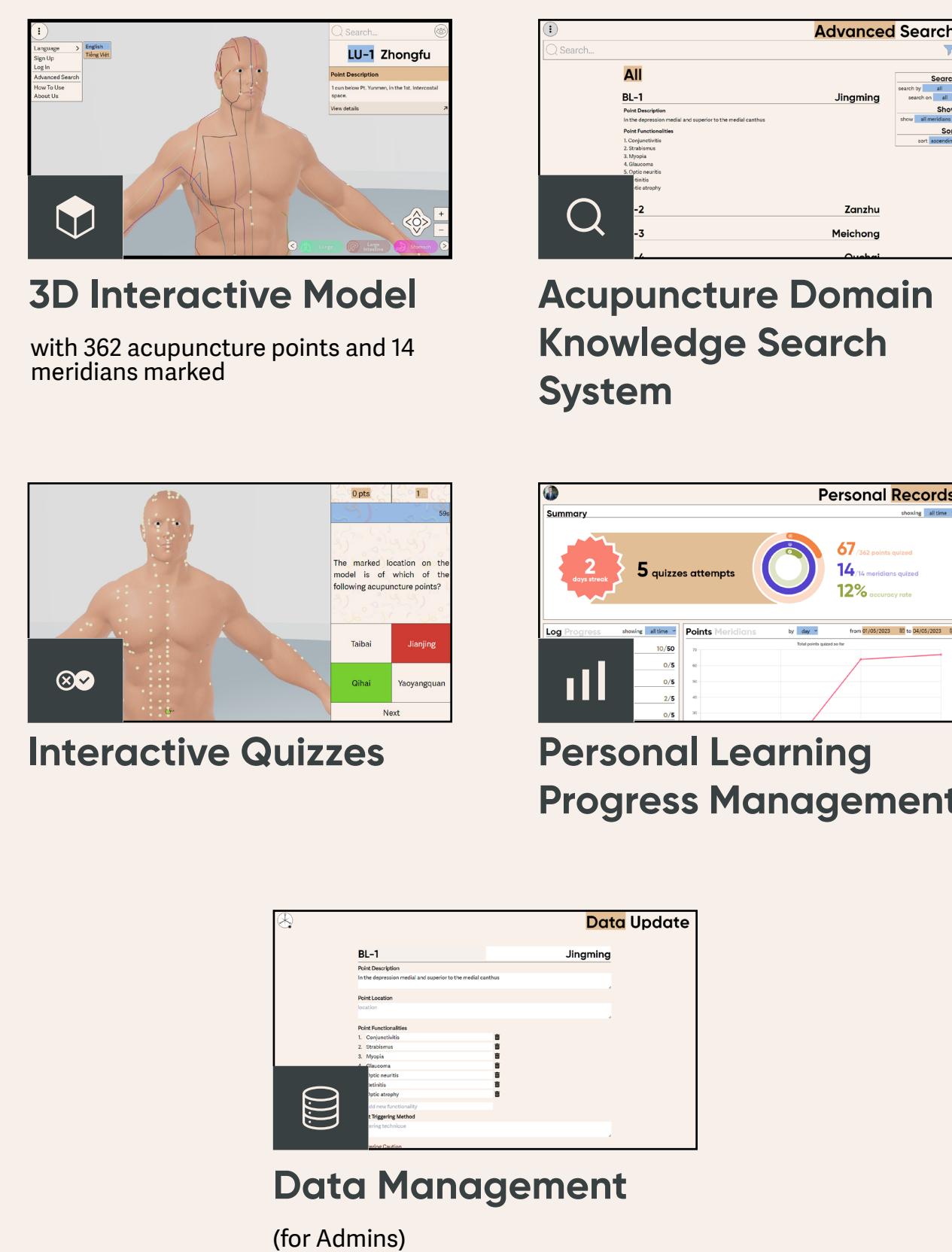
Timeline



Architecture



Feature List



Achievements

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

Difficulties

- Disparity between practice and theory.
- Lost contact and Client withdrawal.
- New to 3D rendering in browser, advanced DevOps practices and technical testing techniques.
- Lack of fundings.

Team Members

