



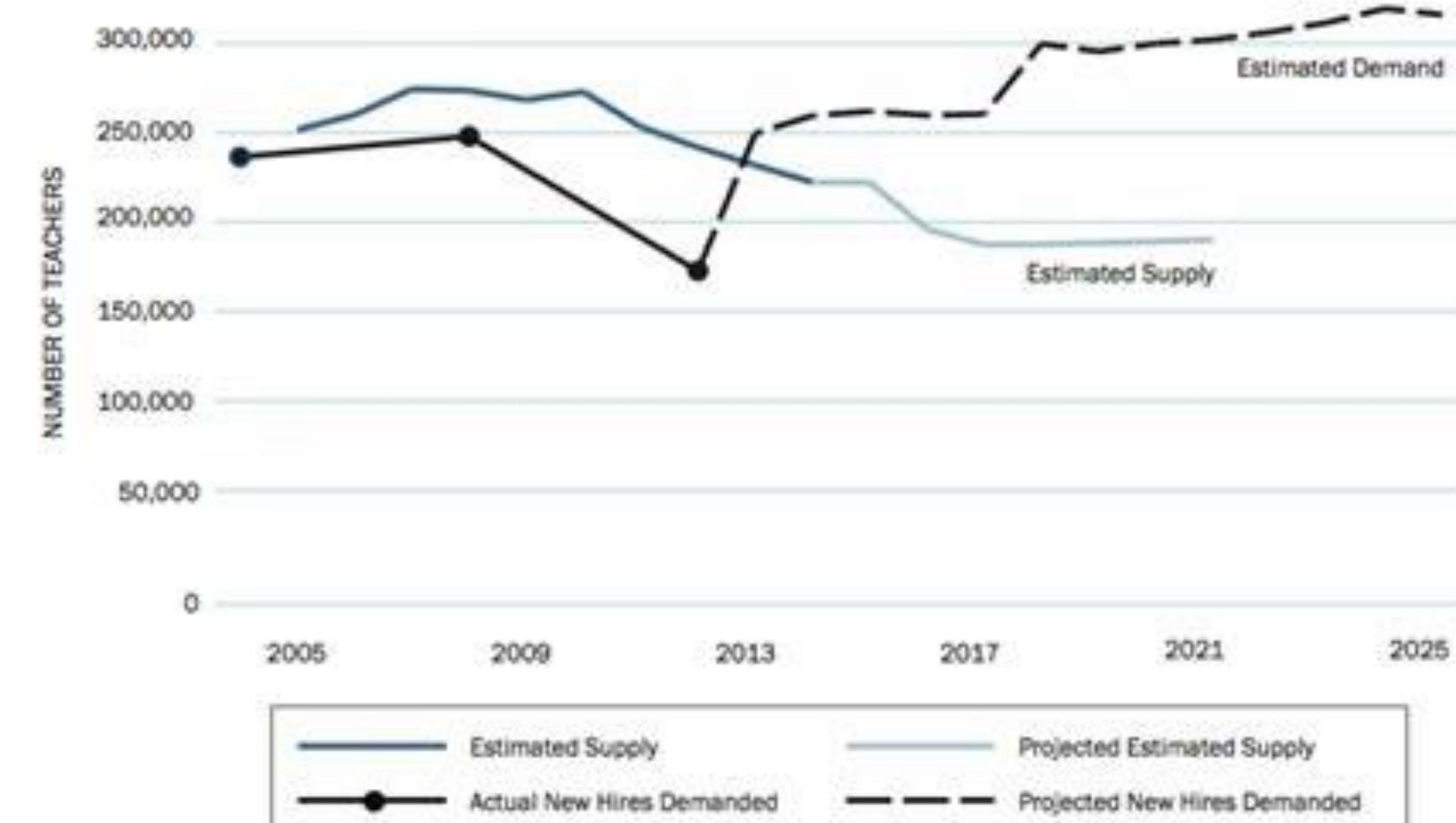
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Client: Christopher Aungst, College of Education, Dir. of Professional Education

What is the Problem?

- Shortage of teachers in AZ
- Difficulty tracking student's progress for eligibility to participate in student teacher intern program (*STIC*)

Figure 1. Projected Teacher Supply and Demand



Note: The supply line represents the midpoints of our upper and lower bound teacher supply estimates (see Figure 10 in the report for full analysis).
Source: U.S. Department of Education, multiple databases (see Appendix A in full report).
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Project Goals

- Minimize time spent by faculty tracking student req. progress
- Enable students to participate and update in real time req. status
- Enable informed decision making and act as single source of truth
- A stretch goal is e-signing to further simplify gathering required documents

Our Proposed Solution

- Web app for students and faculty
- Track individual student requirements for STIC
- Enable faculty to filter and view individual and groups of students

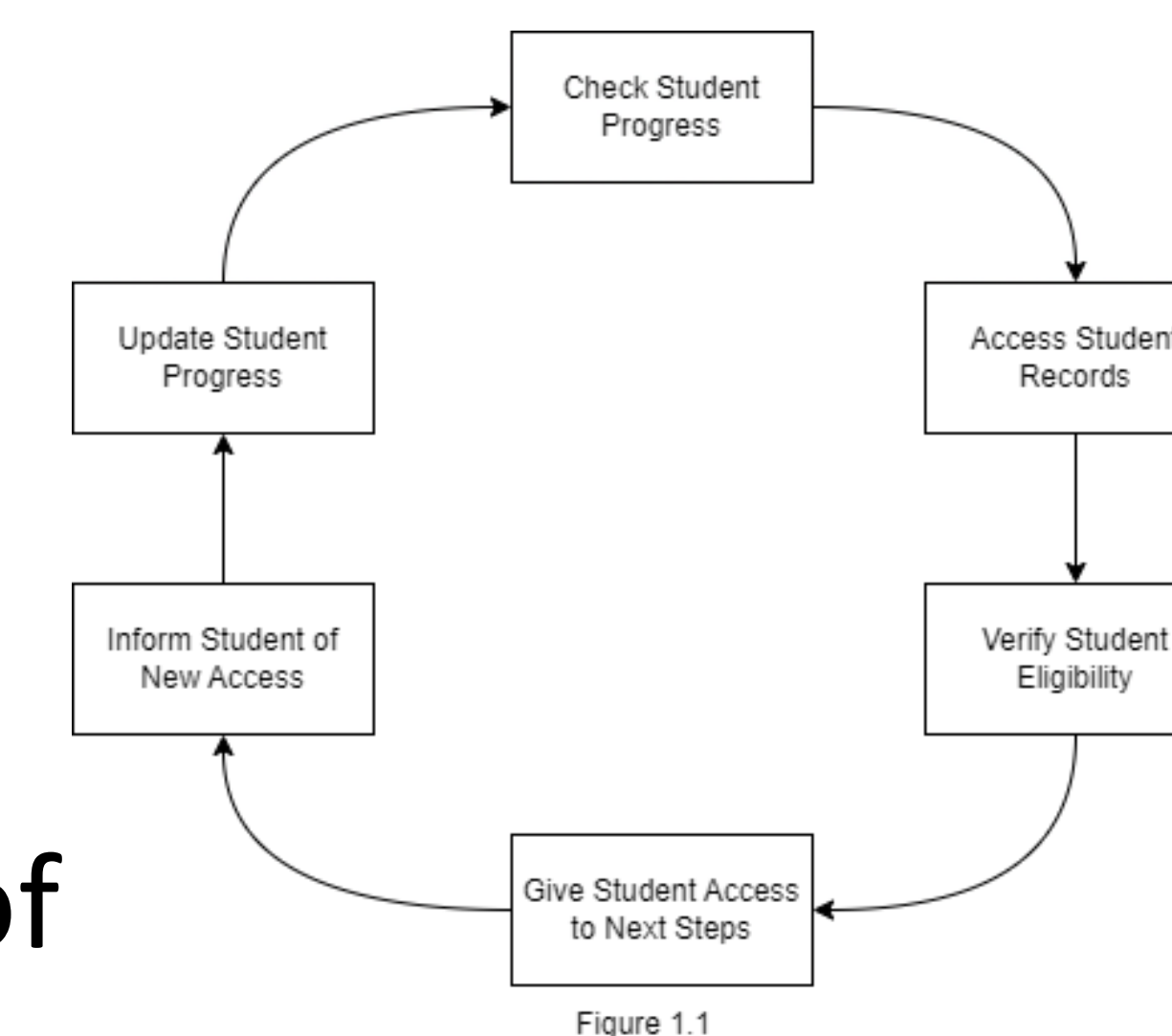
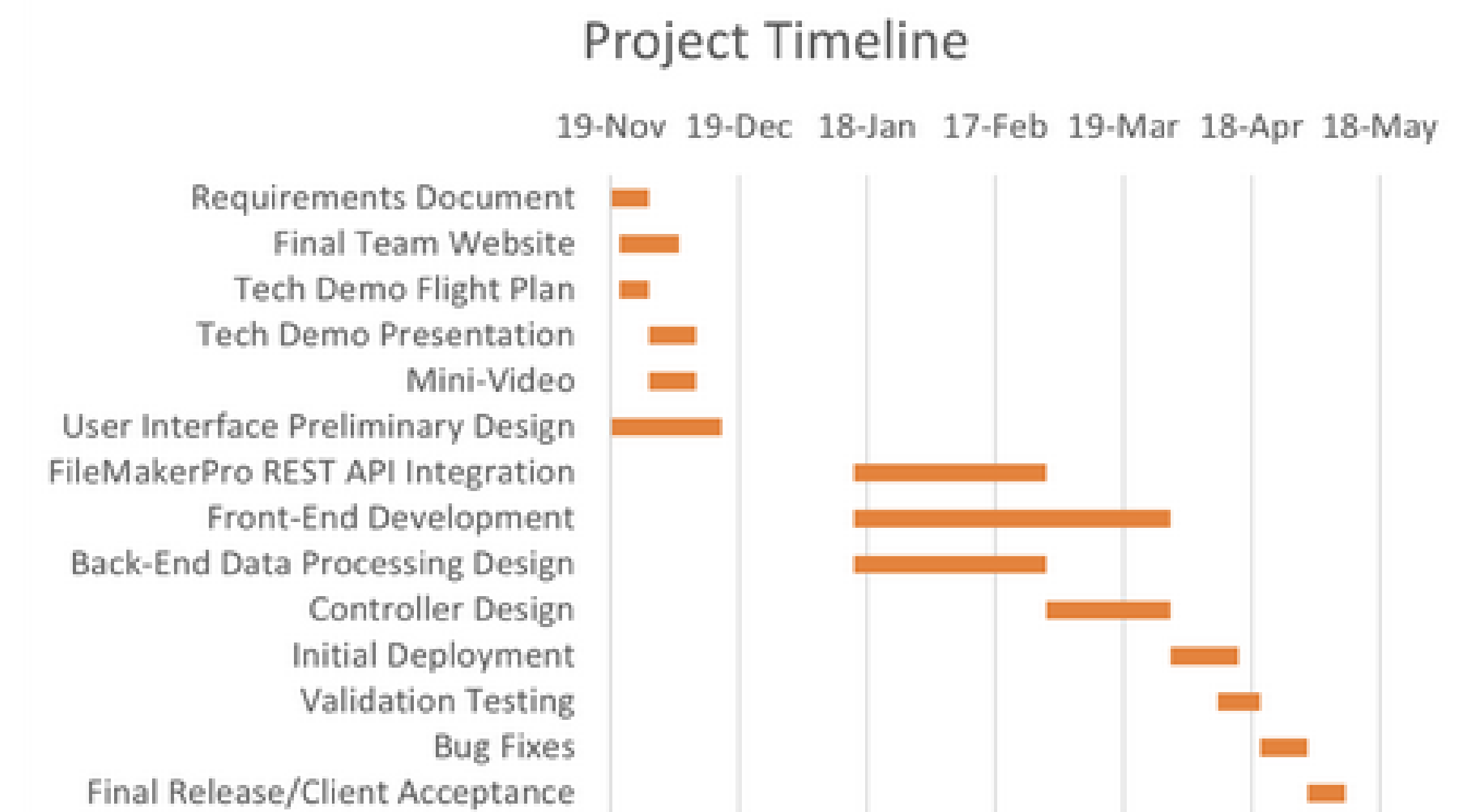


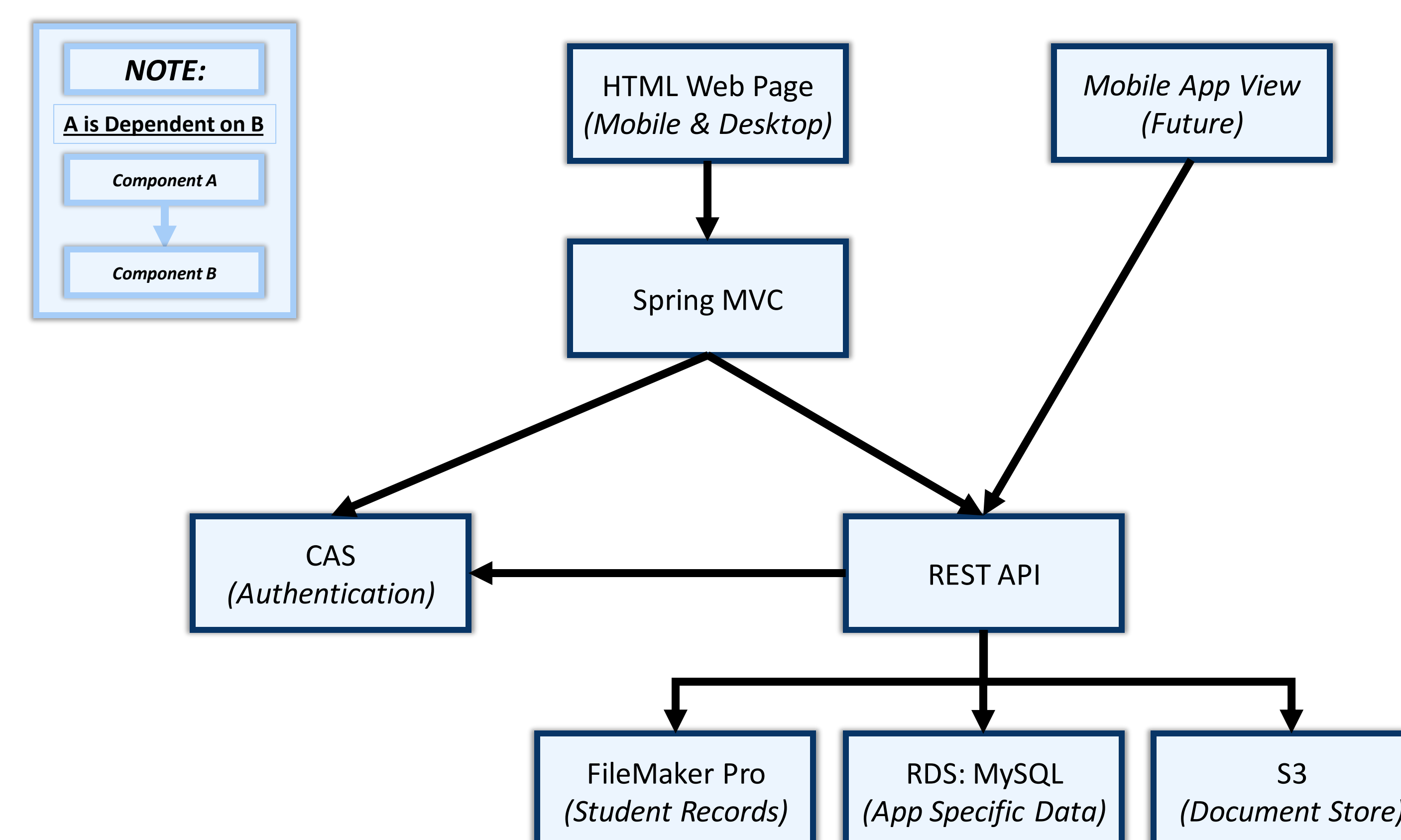
Figure 1.1

Timeline & Feasibility



- Use FileMaker Pro to get access to student records securely.
- Compare and locate the current student's eligibility amid the requirements
- Grant eligibility into the Student Teacher Intern Program

System Architecture



Planned Technologies

