CAPA Tech:

Hardware and Software Specification

Hardware Requirements:

Hardware	Minimum	Recommended
CPU	2 vCPUs	4 vCPUs
Memory	4GB RAM	16GB RAM
Storage	50GB HDD	50GB SSD

Software Requirements:

- Server
    - Ubuntu 22.04 LTS
    - MySQL server
    - NodeJS
    - HTTPS certificate
- Tech Stack
    - MySQL server
    - ExpressJS
    - ReactJS
    - NodeJS
    - NextJS
    - Iron-Session
- Client
    - All modern browsers/operating systems are supported. (Google Chrome, Microsoft Edge, Firefox, and Safari).
    - Mobile devices supported. (Google Pixel, Android, & Apple iPhone).
- User Requirements
    - Must be a UNF Student otherwise be associated with a UNF N-Number.
    - Faculty must get account approved by an Admin.
    - Admin account overviews the whole application and other user roles like student & faulty.

- Use of Application

    o Students submit forms to Faculty.

    o Faculty approves or denies forms.

    o Admin views reports and approves or denies accounts.

Previously used Azure to deploy to the cloud but ran out of credits and currently in the process of switching to Ubuntu 22.04 LTZ.

Additional Requirements:

- Users of the system must have access to an active UNF email address.

Requirements compiled by Alexander Perez, Christopher Clark, Chance Abenes and Sophia Abuzeni.