



Students&Companies

The project

Goals

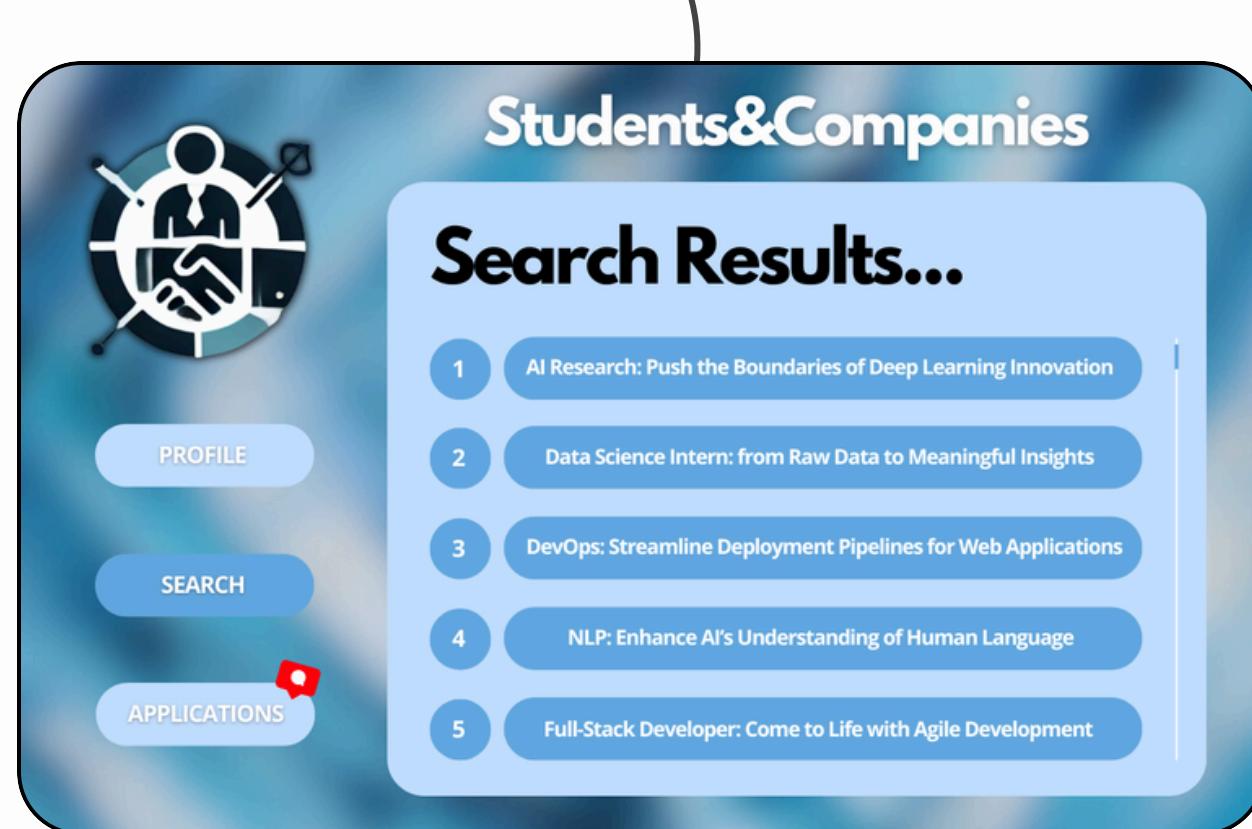
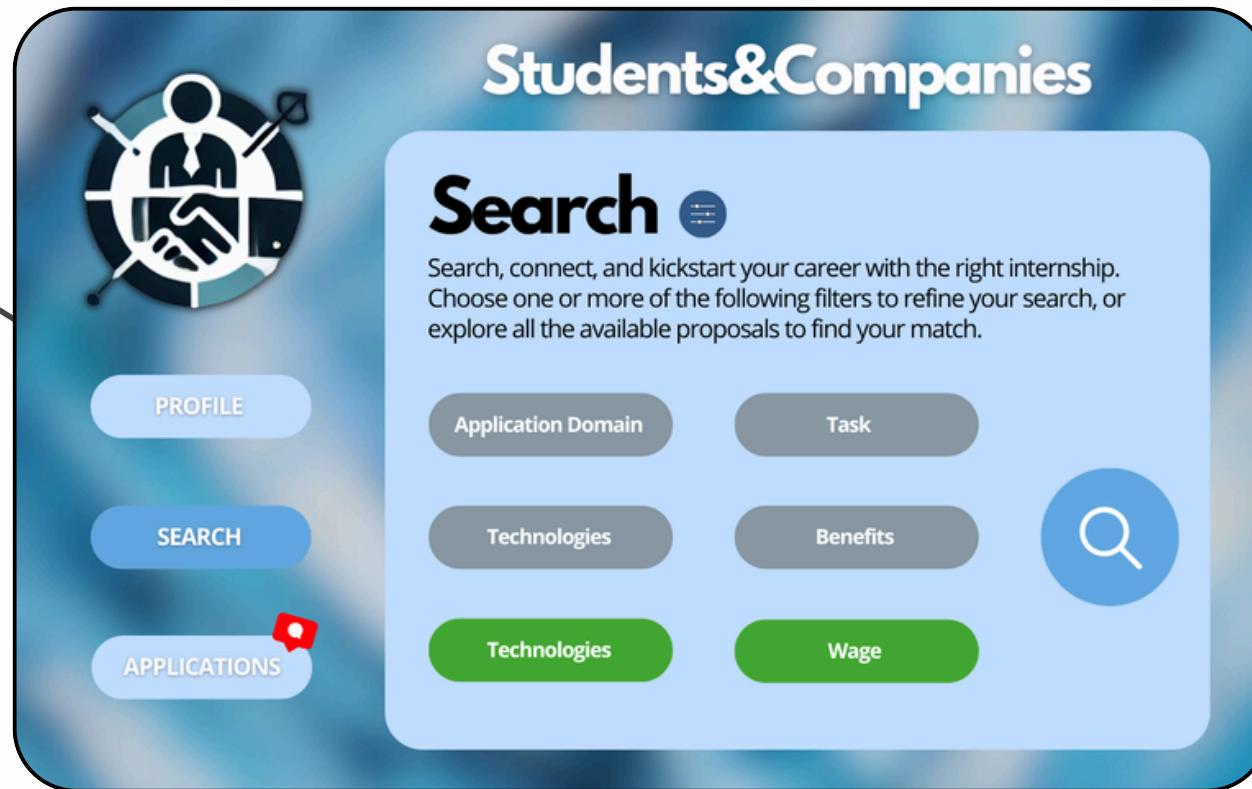
Use Case

Alloy

Biagio Fabio Schilirò

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Prof. Matteo Camilli

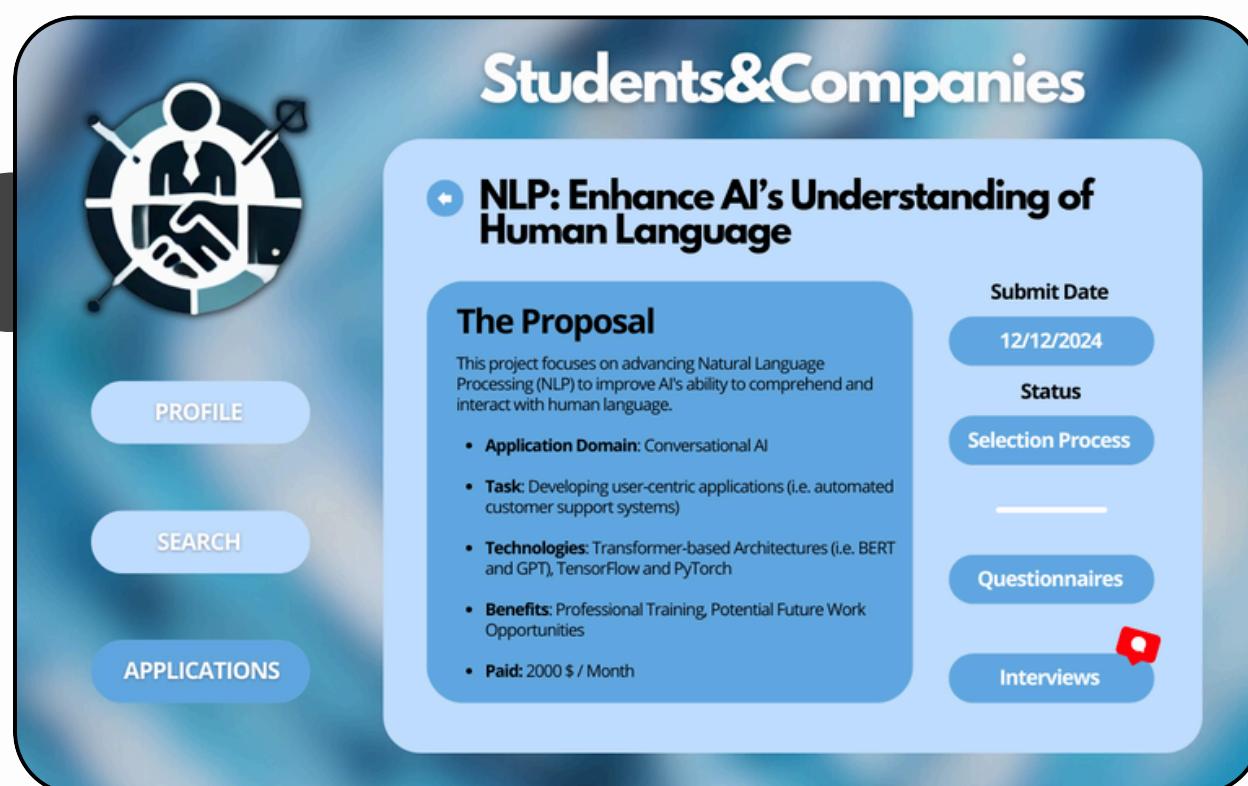
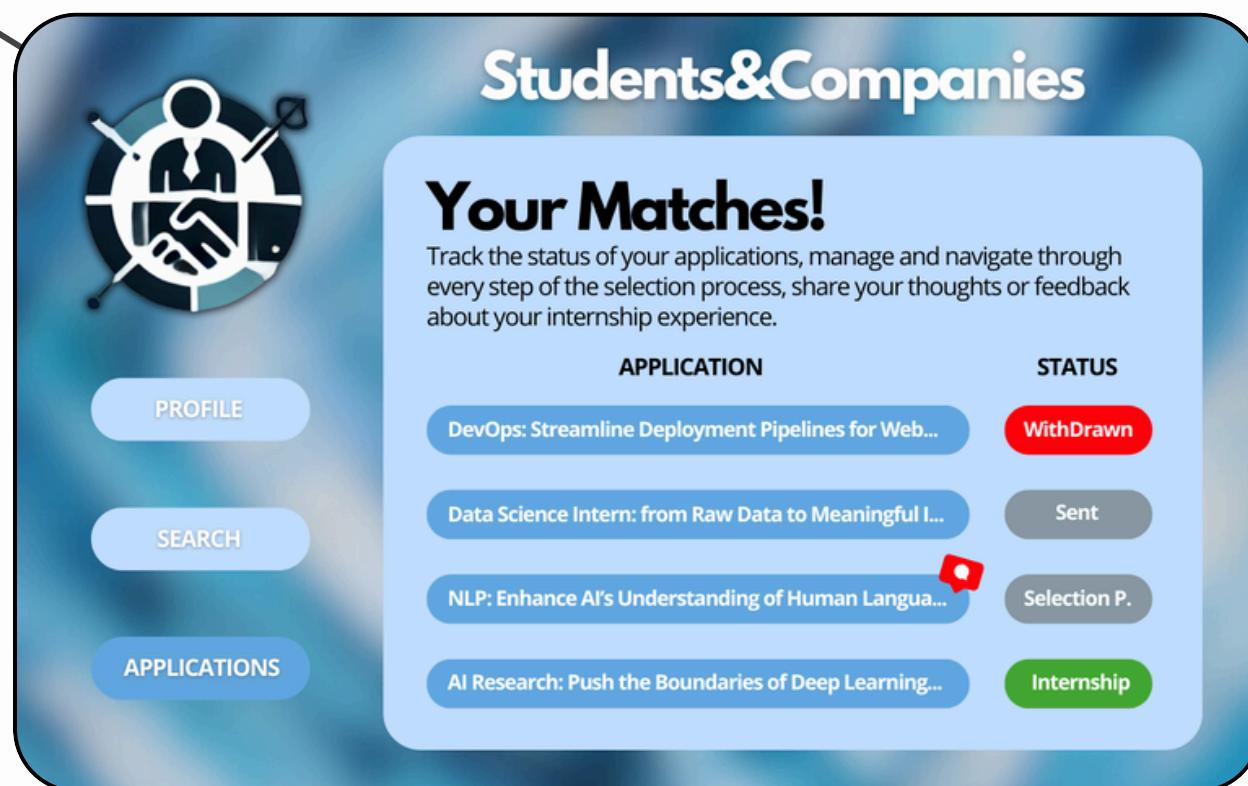


Goal 1

Allow students to search and filter internship proposals based on the project descriptions and the terms offered by companies

→ Assumptions

- There is some interest, company-side, into looking for students that use this software
- Companies publish truthful and detailed descriptions of internship proposals, accurately describing tasks to be performed, application domain, relevant technologies that will be used, etc...
- Companies ensure that their internship proposals comply with all applicable local labor laws and regulations

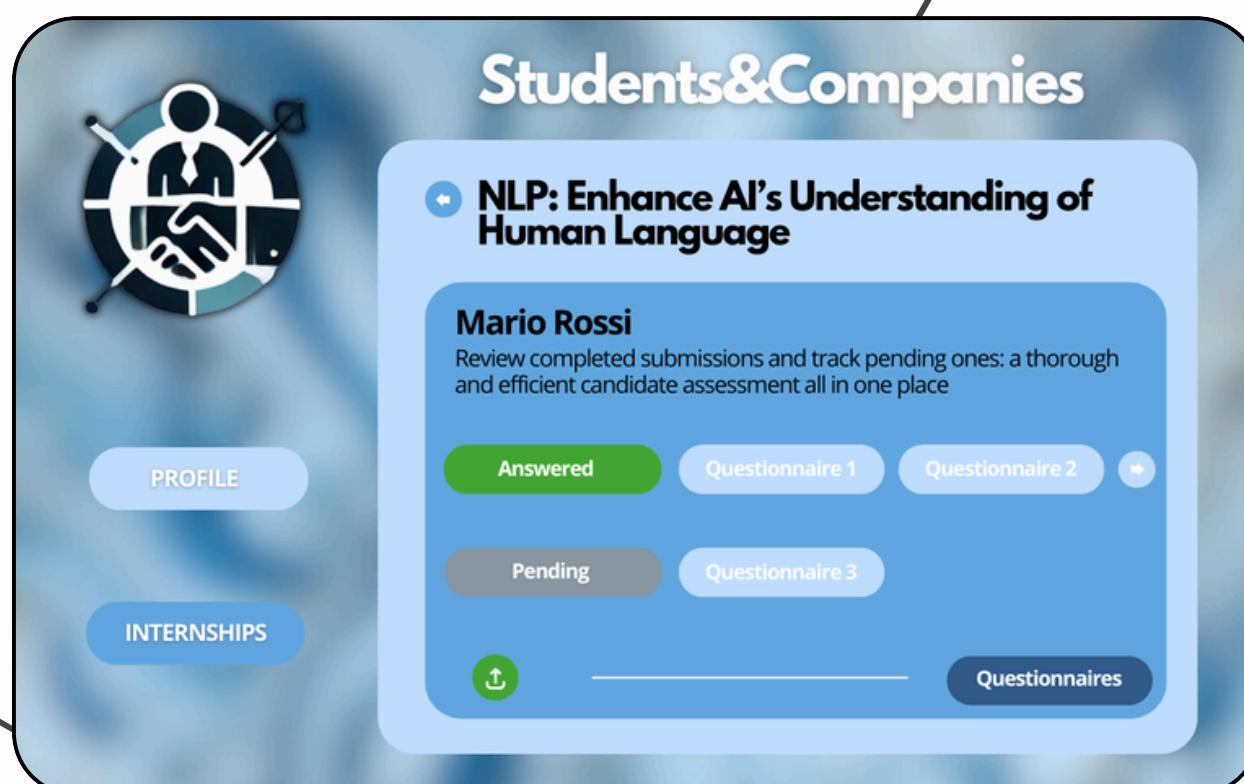
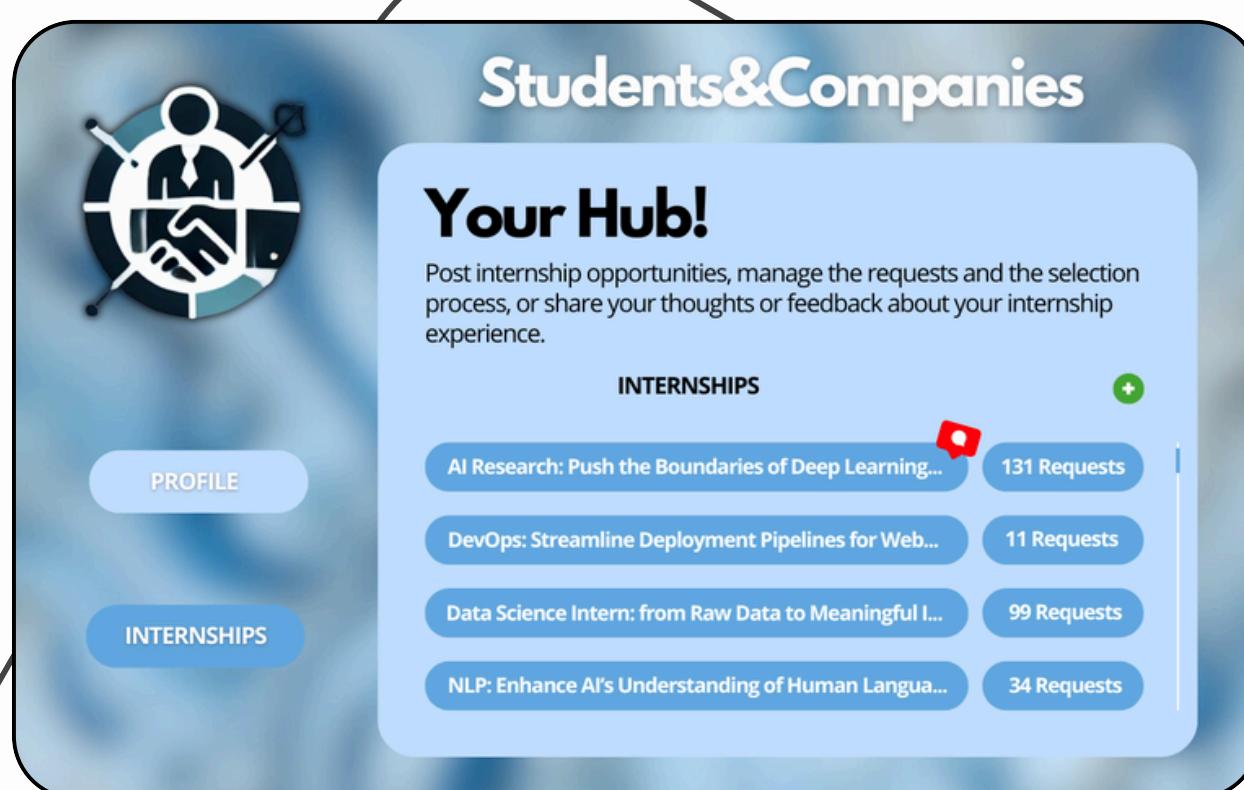


Goal 2 - 3

- Allow students to manage (i.e. send, delete and monitor) sent applications to the chosen suitable internship proposals
- Allow students whose application has been accepted by the company to sustain (i.e. fill questionnaires, schedule an interview, access to the Interview Link) and monitor the selection process made by the company

→ Assumptions

- Companies actually check the list of applications for their internship and evaluate them
- Applications are evaluated in a fair way, without any form of preference / discrimination

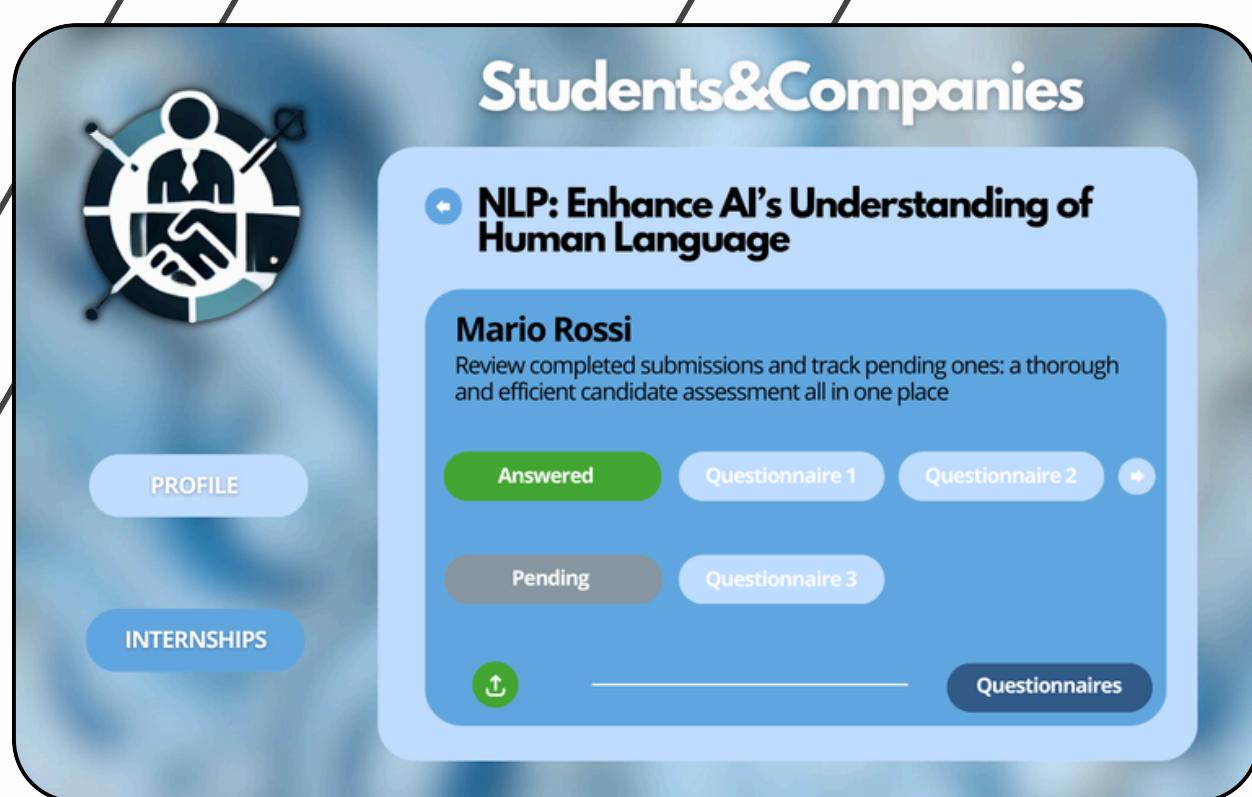
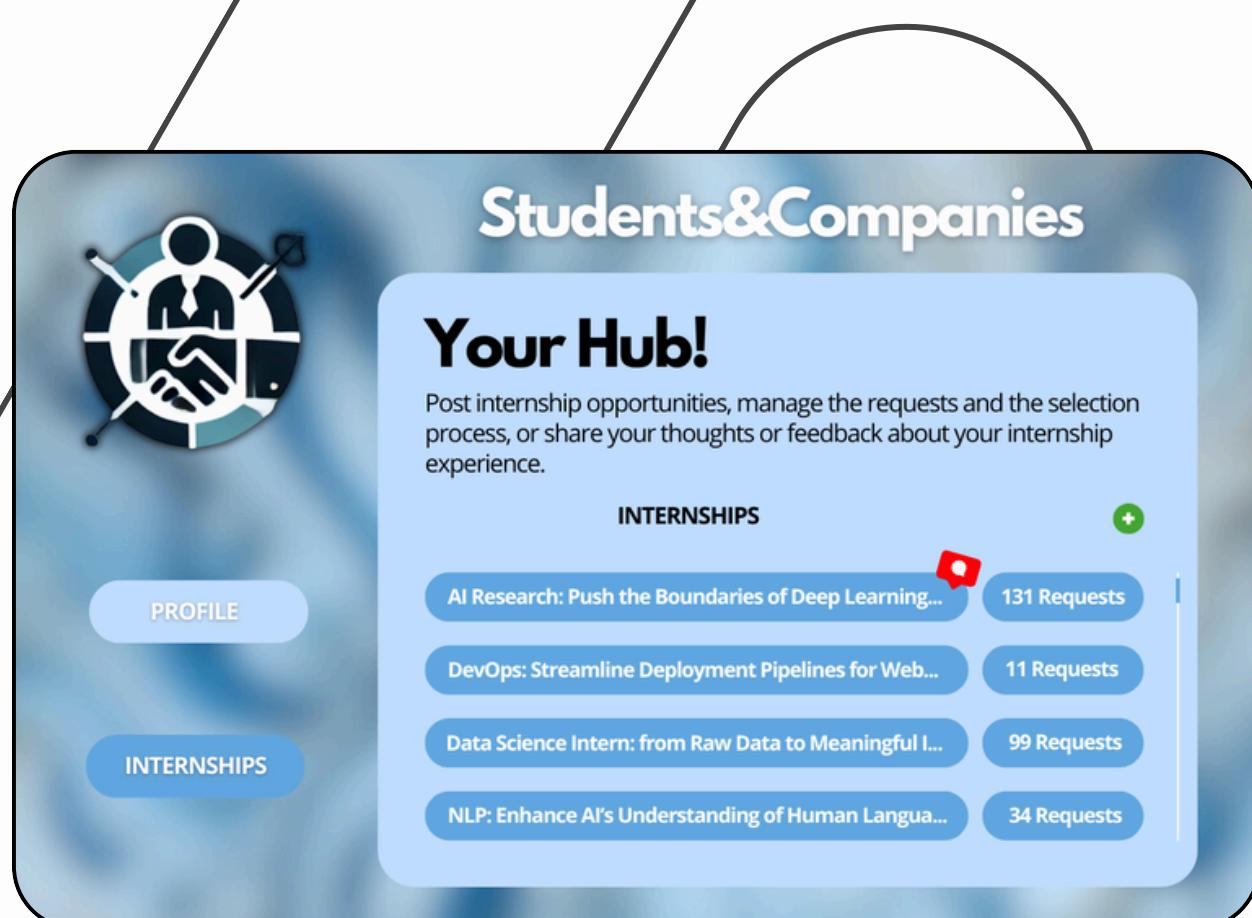


Goal 4 - 5

- Allow companies to manage (i.e. review, start a selection process, accept or reject the request) applications sent to them by students according to some information (i.e. experience, skills, attitude) expressed in the students'CVs
- Allow companies to manage the selection process (i.e. send and check questionnaires, schedule and create an Interview Link, approve/decline the internship request) with the students whose application sent to them have been accepted

→ Assumptions

- There is some interest, student-side, into applying in internship proposed by companies that use this software
- When a student receives an interview proposal, he will respond to it



Goal 6

- Provide a shared space for students and companies involved in an internship experience where they can leave a comment, report a complaint or the resolution of an existing one and view all the feedback made about the internship itself

→ Assumptions

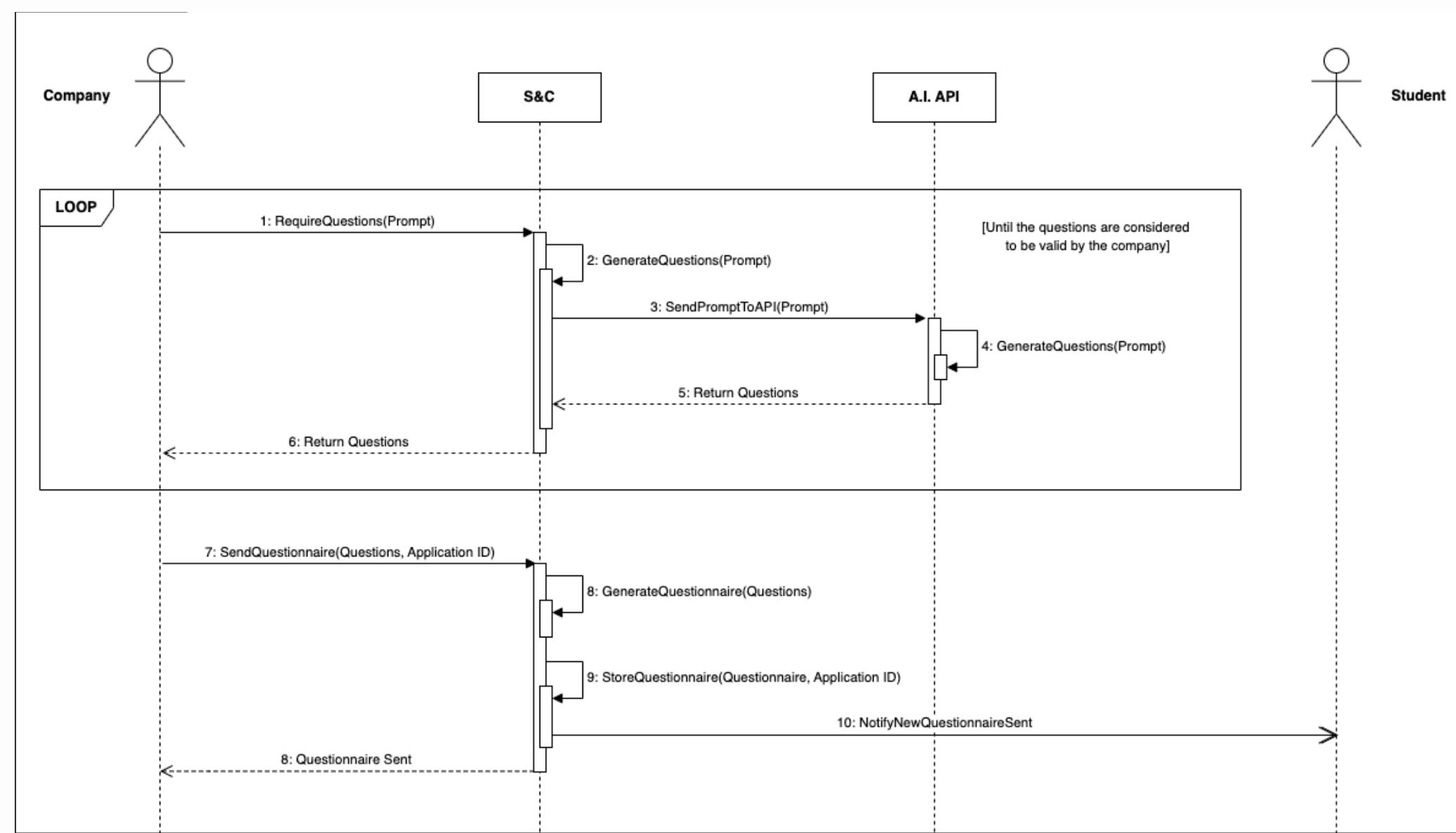
- When a complaint is reported, the responsible party, either the student or the company, will address the issue
- When a complaint is solved, the responsible party, either the student or the company, will report its resolution
- Both students and companies will use the platform's feedback and complaint features responsibly, providing truthful and unbiased comments

Manage a Questionnaire

→ **Entry:**

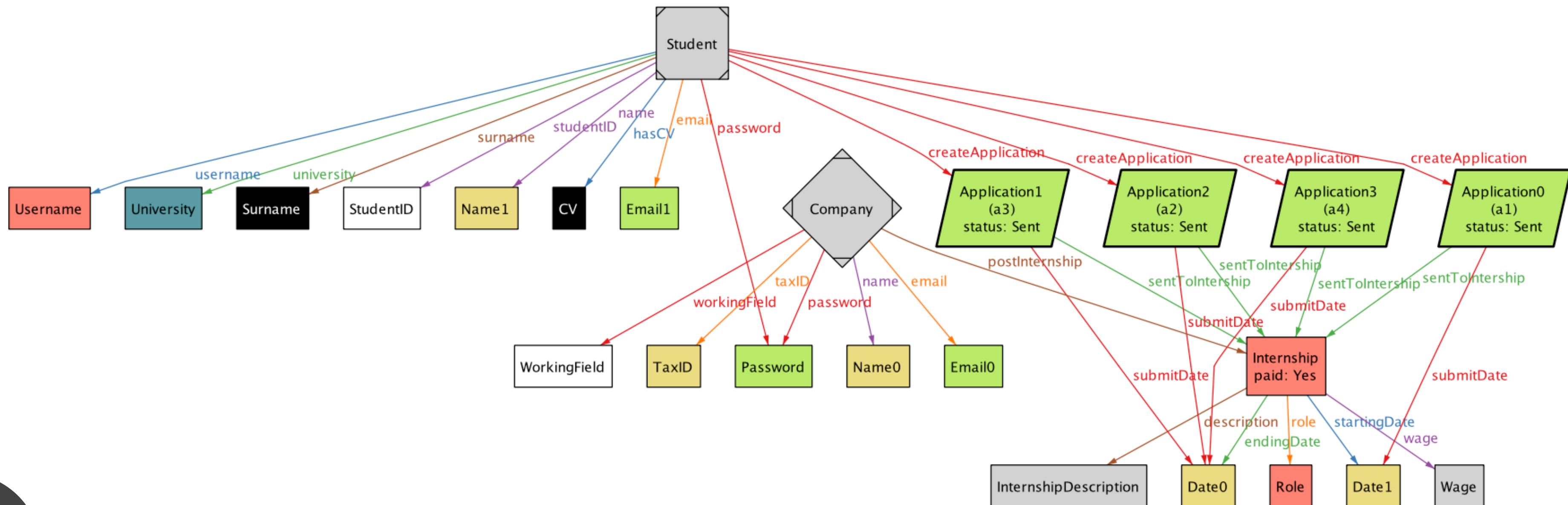
1. The company is logged-in
2. The company navigates to the Specific Application Page
3. The company has changed the status of the application to 'Selection Process'

→ **Flow:**



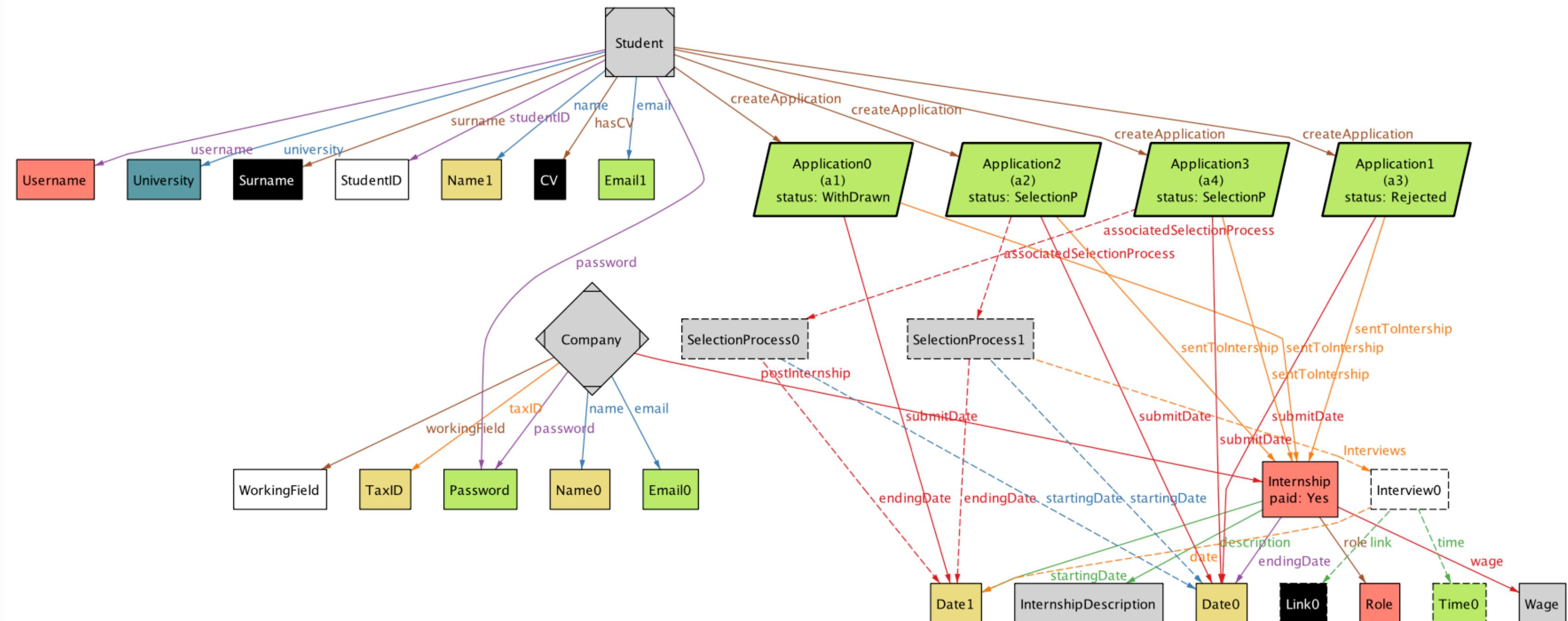
Applications Evolution

- Initial Submission
- Withdrawal and Review
- Selection and Rejection
- Final Approval

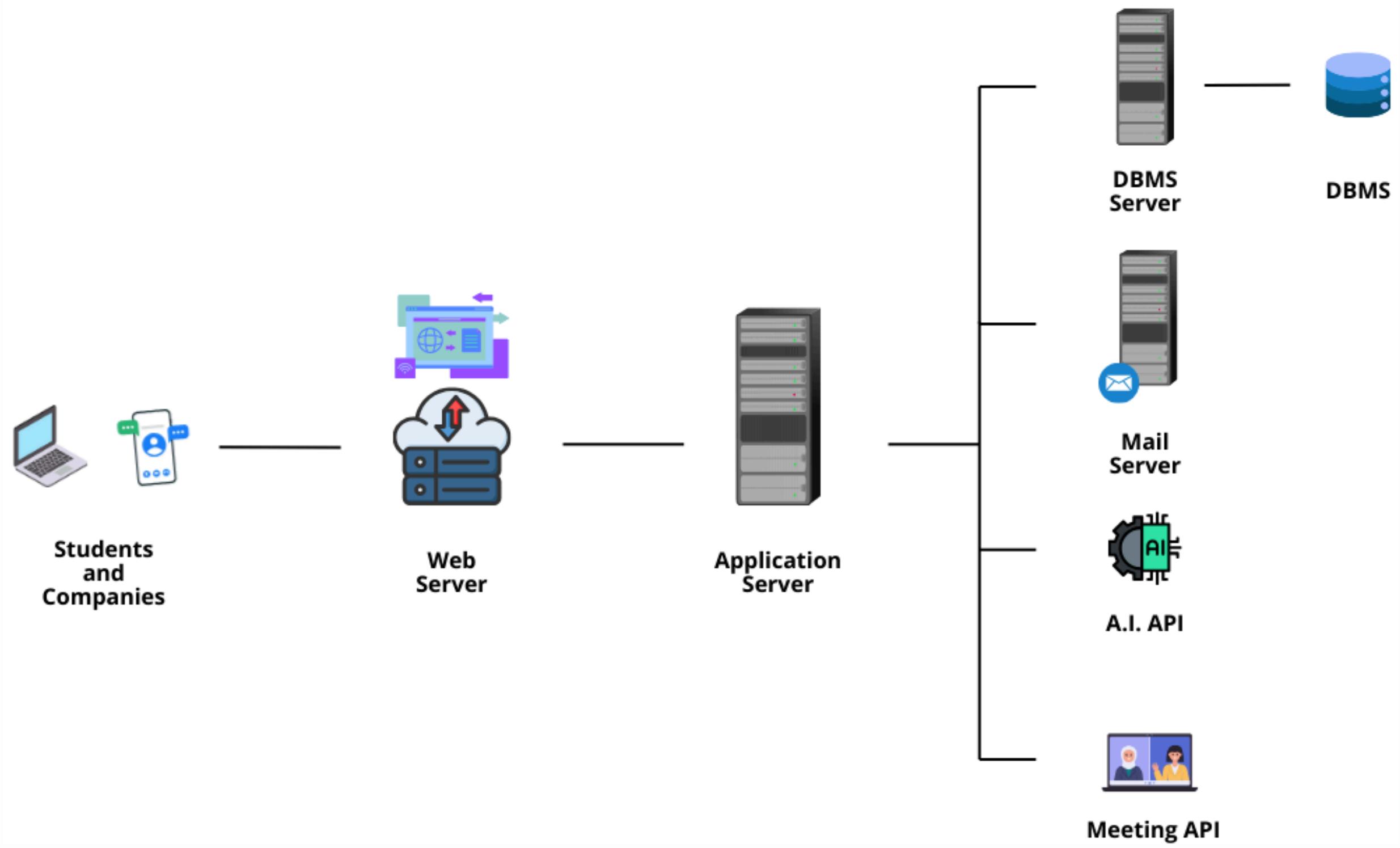


Applications Evolution

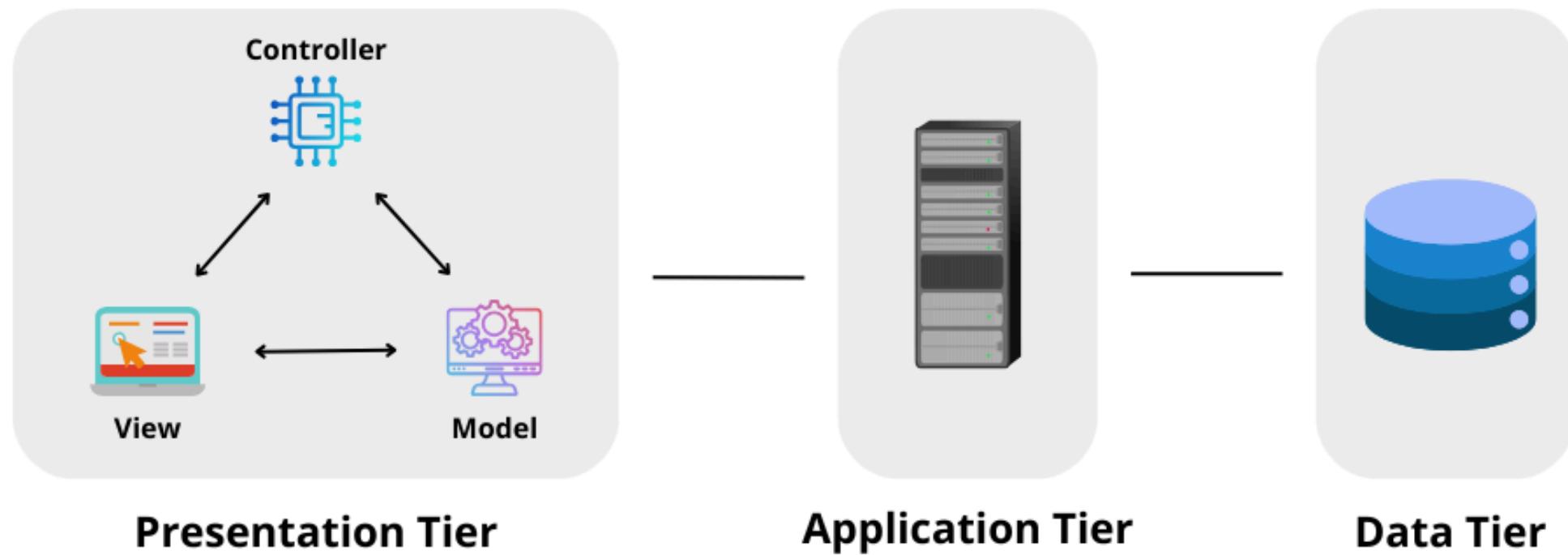
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The Architecture



The Architecture



Three-Tier Architecture

- Clear Separation of Concerns
- Scalability
- Maintainability
- Security

Model-View-Controller Pattern

- Scalability
- Maintainability
- Parallel Development

The Architecture

