

# FinkiOpenDesk: Student Insight Web Platform

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## *Abstract*

*FinkiOpenDesk provides student with intel on study programs, subject matter, collective feedback and career guidance. This union of key informations is the right companion for students joining and those thriving through the proccess of acquiring the best knowledge and practices in the fields of computer science.*

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## 1. Solution

Most people face difficulties with educational or career orientation, and with the rise of new innovative roles in the industries it has become a far greater challenge, even more so for those joining higher educational systems or the bussiness world. A tool like this, for those with a slight intrest in the CS fields would be the right choice to gather information.

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## 2. Project Objectives

- Objective 1: “Provide access to discussion boards”
  - Objective 2: “Enable deep search and filtering“
  - Objective 3: “Allow user participation in defining relation significance“
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## 3. Project Description

FinkiOpenDesk is a web application designed to support computer science students at the faculty by combining community discussions with a career-oriented guide.

On the forum, users can join discussion boards organized by study programs and individual subjects, enabling peer-to-peer communication and information sharing.

The guide helps students explore CS career paths by providing recommendations for the best subjects to pursue for a selected career. Users can also interact with the guide by discussing subjects and sharing experiences, similar to the forum boards, creating a feedback loop between study choices and career planning.

FinkiOpenDesk empowers students to make informed academic decisions, engage with peers, and gain insights into the relationship between their courses and future career opportunities.

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## 4. Technical Approach

- **Frontend:** React (UI/UX with scalable component building blocks)
  - **Backend:** Spring Boot (Java oriented backbone structure)
  - **Database:** PostgreSQL
  - **Hosting:** Azure
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## 5. Target Audience

### Primary Users - FCSE Students

The core audience of FinkiOpenDesk are **active FCSE students** enrolled in various computer science study programs. These users will be able to:

- Join and contribute to **discussion boards** dedicated to study programs and specific subjects.
- Share experiences, ask for advice, and collaborate with peers.
- Use the **career guide** to explore CS career paths and view recommended subjects tailored to their goals.

- Participate in **voting and feedback mechanisms** to shape the quality and relevance of study-to-career relations.

### **Secondary Users - Future Students & Developers**

The secondary audience consists of **Future Students & Knowledge-Seeking Developers**.

Prospective faculty students who want to explore career opportunities and understand which subjects align best with certain CS paths. They may not have full participation, but will have:

- **Limited access** to forum boards and the guide, at the minimum helpful in making informed study or career choices.