



Cover page

Project title: Academic Year: 2023/2024

Group Members: Salsabeel Dwaikat Department Name: Computer Engineering Department

Ana'a Bouzia

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Project Type **Software**

Supervisor Name: Abdallah Hasan Rashed

Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view, what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.



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- Had this project been done before? Are there any similar applications available today?
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 - Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



Project's Abstract:

In the current fast-paced world, where technological innovations are the foundation of contemporary education, platforms that meet the unique needs of students—particularly those in the engineering field—become necessary. "TechTies" presents itself as a holistic solution designed to improve engineering students' social and academic experiences at the Faculty of Engineering.

Given that it tackles several significant issues that engineering students encounter, this initiative is significant. First of all, it makes the process of choosing appropriate housing easier by offering a specialized platform for selecting dorms or residence halls, which reduces the stress related to housing arrangements. Furthermore, Tech Ties promotes a collaborative atmosphere by enabling students to share vital resources, including slides, hardware tools, and other course materials. This encourages information exchange among students and fosters a sense of solidarity among them.

One of Tech Ties' unique characteristics is integrating course-specific parts, which enables students to access and submit lectures, slides, summaries, and other resources related to their individual courses. By giving students easy access to instructional materials, this single repository fosters effective learning while also improving scholarly conversation.

Additionally, Tech Ties acts as a forum for entrepreneurial endeavors, allowing students to present their small businesses to other students and make money doing so. It also provides a singular chance for students to make money out of their academic knowledge by producing and disseminating course materials, with interested parties able to preview the contents (a sample of the course) before committing to a purchase.

TechTies' primary goals are to link engineering students seamlessly, improve academic collaboration, support small businesses, and offer a platform for providing instructional materials.

A methodical approach that encompasses requirements gathering, design, implementation, testing, and deployment phases is the technique used in the development of Tech Ties.



Tech Ties is prepared to provide a feature-rich, intuitive platform that meets the various demands of engineering students by utilizing cutting-edge technology and following best practices in software development.

Finally, TechTies aims to empower engineering students, promote cooperation, and ease their path to academic brilliance and professional success by offering a comprehensive platform that tackles all facets of student life.

