UNIVERSITY OF PÉCS

FACULTY OF SCIENCES

PHIOFIT  
A GAMIFIED FITNESS APPLICATION FOR STUDENTS

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# I. SUMMARY / ABSTRACT

A concise summary of the thesis (150–300 words). Describe the motivation, goals, methods, main results, and significance of the project.

# II. INTRODUCTION AND OBJECTIVES

Explain the motivation for creating PhioFit, the problem it addresses (students struggling to stay consistent in fitness), and your goals.

## 2.1 Objectives

List specific objectives such as creating a gamified fitness app, implementing authentication, designing a simple workout library, and ensuring data security.

# III. DEVELOPER DOCUMENTATION

## 3.1 System Design and Architecture

Describe the overall architecture of the system. Include diagrams such as component, UML, or ER diagrams.

## 3.2 Database Design

Provide the structure of the database, tables, and relationships. Describe why Supabase or Firebase was chosen.

## 3.3 User Interface Design

Include Figma mockups or screenshots. Describe the main screens and navigation flow.

## 3.4 Implementation (Phase I)

Explain partial implementation results achieved during Thesis I (authentication, navigation, database setup).

# IV. USER DOCUMENTATION

Provide instructions for installing, running, and using the application. Include screenshots and example workflows. (Will be completed in Thesis II.)

# V. CONCLUSION

Summarize the progress achieved in Thesis I, describe planned next steps for Thesis II, and discuss possible improvements.

# VI. REFERENCES

Follow APA 7th or IEEE style. Example:  
[1] Author, Title, Publisher, Year.  
[2] Website name, URL, Accessed: Date.

# VII. APPENDICES

Attach diagrams, screenshots, and relevant source code excerpts here.