University of Hradec Králové
Faculty of Informatics and Management

SUPERVISOR´S REVIEW OF BACHELOR'S THESIS

Name of student: Konar Serhii

Thesis title: Personalized assistant in emergency situations

Supervisor : doc. Ing. Pavel Čech, Ph.D.

Thesis objective: Develop a mobile application that assists user in case of an iminent emergency.

Criteria required for evaluation	Evaluation scale (grade)					
	A	B	C	D	E	F
Content relevant to the field of study	☒	☐	☐	☐	☐	☐
Setting and meeting objectives	☐	☒	☐	☐	☐	☐
Treating theoretical aspects of the topic	☐	☐	☒	☐	☐	☐
Treating practical aspects of the topic	☐	☒	☐	☐	☐	☐
Adequacy of applied methods and their use	☐	☐	☒	☐	☐	☐
Depth and accuracy of implemented analysis	☐	☐	☒	☐	☐	☐
Dealing with literature sources	☐	☐	☐	☒	☐	☐
Logical structure and composition of the thesis	☐	☐	☒	☐	☐	☐
Language and terminology	☐	☐	☒	☐	☐	☐
Formal layout	☐	☐	☐	☐	☒	☐
Student´s contribution	☐	☐	☒	☐	☐	☐
Practical applicability of results	☐	☒	☐	☐	☐	☐

Comments to results of anti-plagiarism check:
The plagiarism check found 6% similarity. The detected similarity is due weak paraphrasing of the original resources but the resources are listed and referenced.

Comments and recommendations:
The major shortcoming of the thesis is the formal style. There are many formal issues that should have been resolved before submitting the thesis (for example inconsistent linespacing, paragraph indentation, figure placing and numbering, title numbering, not referencing figures in the text, hyperlinks in the middle of the text, inconsistent colors of the source code, etc.). The author is referring to literature resources but some of the passages need citation directly in the text. The choice of Kotlin is clearly presumed and the list of features that JAVA does not support should be reviewed (e.g. JAVA supports lambda expressions). The use of English is appropriate but the rhetorical questions are not necessary. The conclusion to the market research of similar applications might be extended.

Overall assessment and reasons for the final grade:
The thesis deals with interesting topic and is having important implications. The core of the thesis is in the design and development of the mobile application that should assists users in case of emergency caused by tsunami. The design of the application deploys appropriately some design patterns. The author proves the ability to build a mobile application with specified functionality and given platform. The application is described in an appropriate detail and illustrated using the UML diagrams. However, the textual descriptions suffers with many formal issues. The number and extend of formal issues overshadow otherwise interesting implementation.

I recommend the thesis for oral defence.

Suggested final grade: D

Hradec Králové, 06/09/2022

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signature