

**I. IDENTIFICATION DATA**

<b>Thesis title:</b>	Inferring Temporal Models of People Presence from Environment Structure
<b>Author's name:</b>	Jan Blaha
<b>Type of thesis :</b>	bachelor
<b>Faculty/Institute:</b>	Faculty of Electrical Engineering (FEE)
<b>Department:</b>	Department of Cybernetics
<b>Thesis reviewer:</b>	George Broughton
<b>Reviewer's department:</b>	Artificial Intelligence Centre

**II. EVALUATION OF INDIVIDUAL CRITERIA**

<b>Assignment</b>	challenging
<i>How demanding was the assigned project?</i>	
The assignment originally looked at something that hasn't been done before, and posed a problem that after talking to several professors, had no clear and obvious solution, and required a novel solution. During the global covid-19 pandemic, the decision was made mid-way through to re-focus the temporal modelling of people presence to aid with social distancing. The adaptation of the existing work done for this purpose posed some difficulty, and introduced a significant time constraint.	

<b>Fulfilment of assignment</b>	fulfilled
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
The original goals have been achieved with the exception of the investigation of computer vision methods. However, with the pivot to use the work to help with tackling the spread of the virus, this goal became somewhat redundant given where the research went, and furthermore this was done under my (supervisor) advice and recommendation. Therefore, its my opinion that the original goals of the assignment have been met completely.	

<b>Activity and independence when creating final thesis</b>	A - excellent.
<i>Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.</i>	
The student's ability to work independently on a piece of research has been impressive and deserves credit. Furthermore, their ability to organise the research with others to develop an application that received national coverage during the pandemic is outstanding. The student had a positive approach and met all time limits during the assignment.	

<b>Technical level</b>	A - excellent.
<i>Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?</i>	
The technical level of the assignment is sufficient for the goal of the assignment. The student employed methods in literature in order to develop the assignment and generate their models, which are current in the field of study. It maybe could be clearer in some places the exact contribution the student made, albeit in the general context I think this is ok.	

<b>Formal level and language level, scope of thesis</b>	B - very good.
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
The use of formalisms and notations is generally good throughout. The thesis is organised appropriately and covers the topics. I feel the language is some parts was a little unclear, but generally the work was very good and of the right level.	

**Selection of sources, citation correctness**

A - excellent.

*Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?*

The student identified the key existing literature in the field, and examined how they could be useful, employing methods from the literature. The referencing is good and appropriate, and of the right standard. It is clear the contribution of the assignment, and how it may be beneficial to society in general.

**Additional commentary and evaluation (optional)**

*Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.*

The student should be proud of the work; the ability to change the focus of the research mid way through, given the time and real-world restrictions imposed, and reapply the research done to another outcome was not easy.

**III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE**

*Summarize your opinion on the thesis and explain your final grading.*

The grade that I award for the thesis is A - excellent.

Date: 08/06/20

Signature:

