

I. IDENTIFICATION DATA

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| Thesis name: | Case Studies on various approaches to using Technology as a driver for African Development |
| Author's name: | Matthew Dimmock |
| Type of thesis : | bachelor |
| Faculty/Institute: | Faculty of Mechanical Engineering (FME) |
| Department: | Department of Enterprise Management and Economics |
| Thesis supervisor: | Prof. Ing. František Freiberg, CSc. |
| Supervisor's department: | Department of Enterprise Management and Economics |

II. EVALUATION OF INDIVIDUAL CRITERIA

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| Assignment <i>Evaluation of thesis difficulty of assignment.</i> | challenging |
| Please insert your commentary. | |

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| Satisfaction of assignment <i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i> | Choose an item. |
| Please insert your commentary. The evaluated thesis meet assignment. It looks at several different examples of advanced technology being used in Africa, to help develop the continent. Description of the entire environment, analysis of current situation, evaluation of feasibility and proposals of solution are processed adequately. | |

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| Activity and independence when creating final thesis <i>Assess that student had positive approach, time limits were met, conception was regularly consulted and was well prepared for consultations. Assess student's ability to work independently.</i> | A - excellent. |
| Please insert your commentary. The author of the thesis approached the final thesis responsibly, initially and with adequate knowledge. I appreciate the full identification of the author with a topic focused on the use of technology for the well-being of mankind in underdeveloped countries. | |

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| Technical level <i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i> | A - excellent. |
| Please insert your commentary. The author has demonstrated in his work that he can adequately apply the knowledge gained from the study and the literature. The knowledge, inspiration, and ideas for the practices and solutions of the topic were collected forcefully and responsibly. In either case, an inaccurate calculation result was given. | |

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| Formal and language level, scope of thesis <i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i> | A - excellent. |
| Please insert your commentary. The work is done in a formal and linguistic way at a very good level. The scope of work is a standard and totally matching task and the nature of the problem being solved. | |

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| Selection of sources, citation correctness <i>Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.</i> | B - very good. |
| Please insert your commentary. Student activity in the acquisition and use of study materials, selection of sources and their use can be evaluated positively. Quotations are processed to the appropriate extent. The choice of sources is adequate to the nature of the problem. The quotations corresponds to the citation habits. | |

Additional commentary and evaluation

Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.

Please insert your commentary (voluntary evaluation). The subject of the thesis was a challenge for the author, which allowed him to perceive technical innovations in direct connection with their applicability to the backwardness and problems of less developed countries. The author has mastered the subject with enthusiasm, dedication and relevant knowledge.

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

Summarize thesis aspects that swayed your final evaluation.

I very much appreciate the responsible, self-motivated and hard-working approach at all stages of processing the thesis. I appreciate also the interest in dealing with connection between innovation and standard of living in the context of technology. The answer to the question - what can be learned from current efforts to use technology to resolve real-life issues encountered by Africans, and how can this be applied in new contexts - was sought consistently and purposively. Finally I appreciate positively the proposal of his own project, to establish a solar panel factory using the principles which were discovered, selecting the optimum country and conducting a brief study into feasibility.

I evaluate handed thesis with classification grade **A - excellent**.

Date: **13.6.2018**

Signature: