

Supervisor assessment of Master's Thesis

Student: Lehocký Gabriel, Bc.

Title: Electronic Flight Bag (id 18375)

Supervisor: Chudý Peter, doc. Ing., Ph.D. MBA, UPGM FIT VUT

1. Assignment comments

The author addresses a complex task, with his attention carefully balancing between the application design and the implementation effort. The scope of the functional blocks introduces a unified information pattern designed to support the execution of a safe pre-flight check and a responsible flight planning. An important step, which shapes the Electronic Flight Bag's layout along with its implemented features, is the focus towards the sport and the General Aviation pilot communities. A careful consideration of the requirements originating from the legislation issued by the FAA and EASA highlights the author's enthusiasm and commitment.

2. Literature usage

The author conducted a dedicated research on the topic of the Electronic Flight Bag and subsequently utilized a range of references, all of which were content-wise related to the topic of the thesis. The author mastered to utilize the published resources to successfully design and implement an Electronic Flight Bag application for Android OS.

3. Assignment activity, consultation, communication

The author has shown an active attitude during his work on the thesis and demonstrated a high level of commitment in achieving excellent results. The author attended scheduled meetings regularly and prepared. He meaningfully contributed to the meeting discussions and was subsequently able to draw individual conclusions and transforming them into operational concepts. Communication with the author was conclusive and punctual.

4. Assignment finalisation

Both, the text part and the implementation part of the thesis have been finalized in advance of the deadline and the content of the thesis has been thoroughly examined. Minor modifications originating from the meeting discussions and periodic reviews have been included into the thesis.

5. Publications, awards

Unknown.

6. Total assessment

very good (B)

The proposed high ranking is a reflection on the author's overall exemplary activity and motivation throughout his entire work, which gradually matured into the design and implementation of an operational and aesthetic Electronic Flight Bag application for Android OS. The achieved results along with the attractive presentation format predefine the future success of this application beyond its original target user group. The level of implemented knowledge and utilized skills exceeds the originally imposed expectations on this work. I recommend this thesis for the defense. Suggested grade as based on the above mentioned: Very Good (B).

In Brno 6. June 2017

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