

## Supervisor assessment of Bachelor's Thesis

**Student:** Bohovic Samuel  
**Title:** Futuristic Cockpit for Urban Mobility (id 22040)  
**Supervisor:** Chudý Peter, doc. Ing., Ph.D. MBA, UPGM FIT VUT

### 1. Assignment comments

The investigated topic represents a task of moderate complexity with the effort evenly distributed between the futuristic user interface design of an Urban Air Mobility (UAM) platform and its implementation into a simulation environment using VR technologies. Beyond the originally assigned scope, the author has designed, implemented and tested an intuitive UAM vehicle control concept, which underlines the futuristic dimension of the proposed design.

### 2. Literature usage

The author worked successfully with a wide scope of references, all of which were content-wise related to the topic of the thesis. The author performed a focused research on the modern trends in user interface design for future mobility platforms and the utilization of VR for immersive simulation. The author has mastered to utilize the published resources and along with his personal understanding of the subject, he successfully designed and implemented a concept of Futuristic Cockpit for Urban Air Mobility.

### 3. Assignment activity, consultation, communication

The author's positive work attitude led to a high level of commitment in achieving excellent results. The author attended the scheduled meetings regularly and was well prepared. He meaningfully contributed to the meeting discussions and was subsequently able to draw individual conclusions and transforming them into an operational concept. Communication with the author was productive.

### 4. Assignment finalisation

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

### 5. Publications, awards

Unknown

### 6. Total assessment

**excellent (A)**

The author's overall motivation and activity were at a high level throughout the entire work on the thesis. The achieved results contribute to the overall fidelity and authenticity of the proposed and implemented Futuristic Cockpit for Urban Air Mobility. The amount of demonstrated knowledge and focus needed for a successful accomplishment of the thesis were well beyond the usual attitude. I recommend the thesis for defense. Proposed grade: **Excellent (A)**.

In Brno 30. May 2019

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signature