

Supervisor assessment of Bachelor's Thesis

Student: Lázaro Roberto
Title: Augmented Reality Based on Optical See-Through Device (id 19033)
Supervisor: Beran Vítězslav, Ing., Ph.D., UPGM FIT VUT

1. Assignment comments

Work requires familiarity with augmented reality technology and relevant equipment for its implementation. It is also necessary to be familiar with the appropriate tools and master their use.

2. Literature usage

Author appropriately extend the recommended study literature about further sources of his choice.

3. Assignment activity, consultation, communication

From the beginning, Mr. Roberto Lázaro has been very active in addressing his work. He thoroughly consults the process, familiarised himself with the tools for camera pose estimation using visual markers, visualisation of 3D scenes, the development of applications for special optical see-through glasses for augmented reality and finally proposed and implement his own solution. He proved his competences in the integration of several tools to the final solution and determination in solving various technical problems. He well cooperated with colleagues of Robo@FIT group.

4. Assignment finalisation

The work was completed in advance, the final structure and content of the technical report was discussed and supervisor's recommendations were incorporated.

5. Publications, awards

None.

6. Total assessment

excellent (A)

Mr. Roberto Lázaro get acquainted with augmented reality technology and available tools and equipment for its implementation. He designed and implemented a sample application that uses visual markers and AR glasses to visualise the 3D virtual objects received from an external source. Working on the project, the author demonstrated his ability to be self-reliant when solving technical problems, his communication skills and ability to cooperate with others.

In Brno 31. May 2016

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