1. Assignment of the thesis.
   Assignment has been fulfilled.

2. Student’s activity during the project completing.
   Student began to work independently and actively as late as the second half of the period since January 2016. The student continuously consulted the solution in the period of January-March 2016.

3. Student’s activity during the process of completion.
   The work was not completed in sufficient time. Content of the final work was regularly consulted. In the practical part, the lighting control using KNX/DALI gateway was not finished.

4. Overall evaluation of the thesis
   Student performed visualization of operational and technical functions controlled by components of KNX technology via a mobile phone and PC using offered SW tools of the company Schneider Electric. Furthermore, the student performed parameterization of KNX modules according to the assignment in the SW tool ETS 5. The lighting control using the KNX/DALI gateway was not put into operation. The student described energy management tools and used technologies in the Smart Home. The student also put into operation the KNX components for energy measurement and visualization of operation-technical functions within the created project for the Smart Home.

5. Evaluation of the new findings contribution.
   The work does not bring any new knowledge.

6. Utilization and selection of information sources.
   Assumed passages in the text are not always properly distinguished from actual results and observations (e.g. Fig. 1, Fig. 3-5, Fig. 15, Fig. 24-25 ...; Tab. 1-3, text on pages 6 – 8, pages 18 – 19, etc....). Student used the recommended literature from part.

7. Summary evaluation.
   The student realized the final work from December 2015 by January 2016, actively and independently. The work was not completed in sufficient time, which resulted in the failure to complete parameterization of the KNX/DALI gateway in ETS 5. The text of the work is not always distinguished from own thoughts. Currently, the offered solutions of Energy Management are standardly provided when solving projects in the Smart Home. I evaluate the work as very good (2).

8. Question for the defense of the thesis.
   Briefly describe energy savings in the Smart Home using the Energy Management with implemented KNX technology according to your proposal.

Overall classification: very good