Appraisal of the Bachelor thesis, student's professional training – supervisor

The author of the appraisal:

Name of the company: Tieto Czech s.r.o.

Student's name: Heikki Jumppainen

Student's login: JUM0001

1. Description of the type and extent of the activities the student participated in:
   - Creating demo web GIS application (points of interest) based on open source.
   - Gathering of WMS and public data sources from Finnish sources
   - Creating application for sending mail notifications

2. Student's activity when dealing with problems:

   Student work independently and present results of his work on regular meetings. If it was necessary, he consulted problems with our GIS team or with his classmate working on similar problem.

   Sometimes he waits until next meeting with consultancy even there was possibility to ask someone during period between the meetings.

   Quality of the work was adequate to quality standard expecting from students.

3. Appraisal of the achieved results and his contribution to the company.

   Student created demo web application for present concrete technology to possible customer. Other company developers can work on different task with higher priority.

   In compare with his classmate his task was more complex because used mix of different technologies (to compare with ESRI solution from the box).

   Contribution to the company could be higher, if the student had experience with GIS systems and development generally and not to have start from scratch.

4. Summary evaluation

   Bachelor thesis describes student's work in Tieto in high level of details and his work on demo map application including detailed description of used technologies as well. The thesis with source codes can be used like handbook for creating similar web application based on same open-source technology. And probably most of web-oriented GIS application will have to solve similar problems (data source, insert and modification new objects, etc.)

   Some things which can be improved in thesis:
- Add some picture of technical design, everything is described just by words.
- Content missing
- Sometimes technology description and project plan are mixed. (For example: Divide development to six phases and communication between Ajax)

I recommend present his thesis on state final examination.

5. Questions for the defence.
   - What was your lesson learned from your project? What should you avoid in next, similar, GIS project?
   - Compare open source and commercial GIS technology
   - Describe advantages and disadvantages of version management software (like SVN)

6. Overall evaluation.

   2 – Very good (standalone work, pass dedicated tasks created by managers, but there was place for proactivity access – own solution or investigation of problems)

Place: Ostrava
Date: 2.5.2013

Jindřich Strakoš
V Ostravě 17.5.2013

Z důvodu administrativní chyby byl jako konzultant pro Heikko Jumppainena chybně uveden Robin Honig. Od samotného počátku a v celém průběhu odborné praxe byl však jeho konzultantem Jindřich Strakoš.

Jindřich Strakoš