

# INFO411 Data Mining and Knowledge Discovery

## Projects

**This is an assessed item worth up to 10 marks!**

**Due:** 23:55 on 19/May/2019 <sup>1</sup>.

### Instructions:

You are to work on one of 16 projects. The projects topics are released on Moodle on 18 April. Many of the projects involve real-world data mining problems. You need to work on a project as part of a group. There will be 16 groups, one for each project topic. All members within the same group are expected to work together. Failure to do so will attract penalty marks.

16 groups are to be formed. The students can choose to become member of any one group although the following constraints apply:

- a.) The size of a group cannot exceed 6.
- b.) Registration is done by registering your name in one of the 16 groups on Moodle (go to Moodle->Project->Project groups).
- c.) **Registration is strictly on a first-come first-served basis.**
- d.) Registrations open on 23 April at 09:30 and **close on 26 April at 10:30**. Students who have not registered with any group by 26 April will be allocated to a project.

Available projects are numbered from 1 through to 16. Members of group 1 are to work on Project 1, members of group 2 work on Project 2, and so on. Each group is to address all of the tasks associated with the project and to produce a set of slides that is suitable for a 25 minute presentation plus 5 minute questioning time.

Presentations will be given in weeks 11, 12, and 13 as follows:

Monday, 20/May

Group 9: starting at 05:40PM in room 38.G01 (confirmed)

Group 10: starting at 06:15PM in room 38.G01 (confirmed)

Group 11: starting at 6:50PM in room 38.G01 (confirmed)

Thursday, 23/May

Group 1: starting at 14:40 in room 20.1

Group 2: starting at 15:15 in room 20.1

Group 3: starting at 15:50 in room 20.1

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<sup>1</sup> Submissions made after due time will not be accepted (No late submissions – no exceptions!).

Monday, 27/May

Group 4: starting at 05:40PM in room 38.G01 (confirmed)

Group 5: starting at 06:15PM in room 38.G01 (confirmed)

Group 6: starting at 06:50PM in room 38.G01 (confirmed)

Thursday, 30/May

Group 7: starting at 14:40 in room 20.1

Group 12: starting at 15:15 in room 20.1

Group 13: starting at 15:50 in room 20.1

Monday, 03/June

Group 8: starting at 05:40PM in room 38.G01 (confirmed)

*Subject revision and study hints will be given after this presentation.*

Thursday, 06/June

Group 14: starting at 14:40 in room 20.1

Group 15: starting at 15:15 in room 20.1

Ensure that you are available on the day and time of the presentation when signing up to a project. Attendance at all presentations is compulsory. Attendance lists will be taken.

Projects are supervised by:

**Dr. Markus Hagenbuchner:** Projects/Groups 1 to 8

**Dr. Chayne Planiden:** Projects/Groups 9 to 16

Each group should meet with the corresponding supervisor at least once before submitting the work.

**Deliverables:**

- Slides: You are to create a set of presentation slides which are suitable for a 25 minute presentation. The slides must be submitted via the submission link provided for your project. You must submit the slides on or before the due time either as a PDF or PPT file. Only one member from each group is to submit the slides. The first slide must contain the full name, student number, and percentage of contribution of each group member.
- Presentation: Each group is to present their finding to the rest of the class. For the presentation **you must use the slides which you had submitted**. All members of a group are expected to contribute to the presentation. You are given 25 minutes for the presentation, and 5 minutes for questioning time. Your presentation and your slides will be assessed (marking guidelines will be provided on Moodle).

**Due date and time:** One member of each group must submit the slides in PDF or PPT before the stated due time via the corresponding submission link on Moodle. **This is a hard deadline. Late submissions will not be accepted.**

**Note:** Any of the material presented by any of the groups may appear as an exam question. Hence, it is very important that all class members attend the presentations even if they are not among the presenting groups on that day.