Evaluation and development plan (PhD)

Student name: Date:

Everyone in the group will email this evaluation and development plan to Mengen every 6 months (before June 30th or December 20th) and have a brief discussion with Mengen during one of our weekly meetings in June/December.

Section I: Student self-evaluation

Research:

1. Let's celebrate your accomplishments in the past 6 months, e.g. learned new theory & algorithms, identified a scientific problem to work on, obtained exciting computational results, developed new codes, wrote a manuscript, published a paper, and gave a presentation!

2. Looking at your previous evaluations, in what areas did you meet your own expectations and in what areas will you continue to make improvements, e.g. problem-solving skills, writing skills, presentation skills, paper-reading/summary skills?

3. How do you feel on a day-to-day basis? For example, what is your regular working time on workdays, e.g. 9 am to 5 pm or 10 am to 6 pm? Do you feel comfortable or stressed about making progress each week? Is the office environment good, e.g. if you have a question, is everyone in the group willing (and available) to communicate with you? If you are not comfortable in any aspect(s), do you have plans for yourself or suggestions for the group to improve?

4. List 2 important and feasible research goals you would like to accomplish in the next 6 months

Career development:

5. What are your long-term career goals beyond your time with this research team, e.g. academia, industry research & development, industry software engineer? *Please note that it*

is normal that your goals change during your PhD study. Feel free to communicate if they have changed since last time and why.

6. What have you done for your career development beyond research, e.g. attend career development workshops, read books on how to pursue a career in academia, networking at conferences?

7. Have you mentored undergrad or MS students? Please summarize your efforts, e.g. designing projects, teaching theory, or computational methods.

Section II: Student reflection on the research group and Mengen. This section is about how Mengen and the group can improve to help you achieve your goals. Please feel free to cover all aspects in Section I.

1. As an advisor, what aspects are Mengen doing well and she should continue?

2. What should Mengen improve on?

3. What aspects are the group members doing well? Please feel free to mention group members who have helped to communicate the research or taught you anything new.

4. What should we improve as a group, both in research and culturally? Please feel free to comment on group meetings and other group activities.

Section III: Mengen's suggestions including the achievements of the student and potential growth areas