1. PART B: Prioritization of Mobile Phone Features

The goal of this part of the lab session is to compare the tool support with a manual prioritization method in an experiment. The manual method is similar to what is used in the Planning Game in Extreme Programming (XP).

Note that this part of the laboratory lesson is performed *individually*!

PART B1: Tool prioritization

1. Log in with your personal user name provided to you by the lab assistant (if you are not already logged in).

2. Now you are ready to start the project of prioritizing mobile phone features in the same manner as for the courses. A work space has been prepared for you that is holding 16 mobile phone features as the artefacts of the project.

3. Open the 'Mobile Features' project from the project list.

4. To view the folder structure and all the features, expand the 'Display' menu and click 'All Features'.

5. The criteria to be used are already provided to you so you are now ready to start prioritizing the mobile phone features. Note that you should prioritise with the two criteria *in the order given to you by the lab assistant*.

6. Note the current time on the paper provided to you by the lab assistant. Expand the 'Prioritize' menu and click 'All Features' and start prioritizing the features. Make all the *recommended* comparisons. Note the stop time when you are finished with the first criterion. Do *not* adjust the consistency and do not visualize the result!

7. Select the other criterion and prioritize in the same manner. Note the start and stop time.

8. Notify the lab assistant when you have finished the prioritization.

PART B2: Manual prioritization

1. In the folder provided to you by the lab assistant, there are two sets of piles (one white and one green) with 16 cards in each. Each card describes one mobile phone feature.

2. Begin with the criteria given to you by the lab assistant and consider the question:

Criterion	Question
Value for me	Which features do I find more valuable and important?

Criterion	Question
Added *price* on the phone	Which features will add more to the price of the phone?

3. Note the time when you start!

4. Take one set of cards (the white one for the Value criterion and the green one for the Price criterion). Spread the 16 cards out on the table in front of you.

5. Divide the cards into three different groups depending on your opinion:

Criterion	Groups
Value for me	(N)ecessary (A)dds to the value (U)nnecessary
Added *price* on the phone	(V)ery high price (R)easonable price (L)ow price/for free

6. Circle N, A or U (and V, R or L) on each card.

7. Now prioritize the features in each of the three groups and arrange one single pile of cards in the correct order. Mark each card with the correct rank number (1 to 16, where 1 is the least valuable/least expensive and 16 is the most valuable/ most expensive).

8. Note the stop time!

9. Select the other criterion and prioritize in the same manner. Note the start and stop time.

10. Use tape or stapler to produce a piece of paper with the cards taped in the correct order.

11. Notify the lab assistant when you are finished. Thank you!