CHALMERS | GÖTEBORGS UNIVERSITET

DIT045 RE Exercise 1

Fall 2017

Problem Domain: Holiday Shopping App!

See PDF handout in the Exercise folder on GUL.

Work in this exercise with your assignment team.

Shared Folder

In this exercise we will exchange answers with other teams.   Put your answers in this public Drive folder:

https://goo.gl/GgFvpU

Natural Language Requirements

SRS-Style Requirements (15 minutes)
Capture some SRS-Style requirements for the Holiday Shopping App.   Try to come up with:
4 functional requirements
3 non-functional (quality requirements)
2 constraints
2 domain assumptions

Put your sample answers in a google doc file in the Drive folder above. Call the file <your team name>_SRS

Exchange! (10 minutes)
Find a different group. "Exchange" your SRS requirements. Open the other group's file in Drive. Review the requirements as a group to see if you can find any issues. Are the identified types of requirements (FR, NFR, constraint, assumption) correct?

Keep in mind the desirable qualities of good SRS-style requirements from the lecture.   Add comments using the google doc commenting feature to capture any issues.

Review (10 minutes)
Review the comments from the other groups. Do you agree?   If not, discuss.

User Stories (10 minutes)
Capture some user stories for the Holiday Shopping App.   You can rewrite the same requirements as user stories or come up with new ones.   Try to capture:
4 user stories that capture functional requirements
3 user stories that capture non-functional requirements

Put your sample answers in a google doc file in the Drive folder above. Call the file <your team name>_Stories

Break (15 minutes)

Exchange! (10 minutes)

Find a different group, one that you did not exchange with in the first part. "Exchange" your user stories. Open the other group's file in Drive.
Review the user stories as a group to see if you can find any issues. Are the identified types of requirements (FR, NFR) correct? Do they user the correct user story format?

Keep in mind the desirable qualities of good user stories from the lecture.   Add comments using the google doc commenting feature to capture any issues.

Review (10 minutes)

Review the comments from the other groups. Do you agree?   If not, discuss.

Structured Text (10 minutes)

Pick two of the requirements from earlier, express them using the EARS structured text method, see Lecture 3 for the EARS patterns.

Put your sample answers in a google doc file in the Drive folder above. Call the file <your team name>_EARS

Exchange! (10 minutes)

Find another group (whichever this time). "Exchange" your EARS requirements. Open the other group's file in Drive.
Review the requirements as a group to see if you can find any issues. Are the patterns used correctly?

Review (5 minutes)

Review the comments from the other groups. Do you agree?   If not, discuss.