

## CO510 Group Work – Stage 1

### Version 2017.11.08.01

#### Introduction

For this stage, and all future stages, you will work in a single group, to which you will be allocated.

**Important:** It is the responsibility of every member of a group to ensure that all other members of the group are familiar with all of the above documents and the requirements of each stage of the assessment.

Work for this stage should be based on the material describing the user's requirements to be found only in the following sources:

- The presentation by the client, Miles Roman, in the lecture in week 7 (slides available).
- The description of the Yuconz Employment Record System made available by the client, Miles Roman.
- Any clarifications and additions provided by the client.

#### Clarifying the requirements

You should note that Miles Roman has very limited understanding of IT and there could easily be inaccuracies or inconsistencies in his descriptions. It is your responsibility to seek clarification where required.

You may ask questions of Miles via David Barnes. Queries for Miles must be made via email to [d.j.barnes@kent.ac.uk](mailto:d.j.barnes@kent.ac.uk) with the subject line: Miles Roman

David uses automated email processing and any subject line other than "Miles Roman" (no quotes) will be ignored and not forwarded to him.

#### Stage 1 Requirements

For this stage you are required to prepare user stories and use cases based upon the client information.

1. Each group must provide 8 user stories based on the user information available. The viewpoint of each story may be any typical user of the system. The 8 stories do not all have to be from the same user's perspective. The type of user should be clear from the way the story is written.

Use the material from the CO510 practical session on user stories to write your stories in the correct style and format. Each story should contain all of the standard elements of a user story.

2. The requirements (system functions) of the full employment system (not just the 8 user stories) are to be specified as UML use case diagrams. The diagrams must include the descriptions of the use cases. You must use the Papyrus tool for this part. This is a non-negotiable requirement because the customer uses the Papyrus tool to validate UML use cases.

## Deliverables

Original documents should be saved as PDF documents for assessment. If you use any other software you do so at your own risk.

Each group will make a single, egoless submission. In other words, only one member of the group needs to make the submission.

1. The user stories must be uploaded as a single PDF document named Stories.pdf.
2. You should submit via Moodle your use case diagrams as a single archive file (.zip) generated by Papyrus, using the file name Yuconz.zip (do not use any other file name).

You will probably need to split the single system diagram into multiple smaller diagrams within the same project. Use your own judgment about the most appropriate way to split it.

In order to create this, open the project to be submitted and select it. Then use the Export facility of Papyrus to generate the archive file of the project (General/Archive File (zip file)). Save the generated file elsewhere in your computer, not in the Papyrus workspace.

Before uploading the file into Moodle, check whether it works properly (for example, import the file into another open project in Papyrus) to make sure that the contents are not corrupted.

NOTE: As a submission, nothing else will be accepted except for a zip file of your Papyrus project (via Moodle). It is your responsibility to make sure that the file is neither incomplete nor corrupted.

3. A single PDF document containing the scenario of each use case using the template provided for the UML portfolio:

<https://moodle.kent.ac.uk/2017/mod/resource/view.php?id=62172>

## Deadline

23:55, Friday 8<sup>th</sup> December 2017 (week 11)

## Weighting

10% of the coursework mark

David Barnes  
Module convener