Construction Task Sheet
AB Credit (HK) Staff Development Platform

Construction in the Unified Process takes a project through to the IOC milestone and beta release. IOC represents the point at which developers consider the product to be operational and ready for deployment and real-world testing in the client's environment. In a typical project, all major risks will have been mitigated in Elaboration and the work in Construction is straightforward.

In the SDP project, a full Construction phase would add all remaining functionality and exception handling, fully implementing all use-case extensions. In terms of learning, the routine work in Construction does not offer much and so our phase will be very short with little new work.

You will add some small examples of functionality typical of Construction, together with an implementation of the sample change request received during E2. These additions represent minor extensions to existing use cases. Your major deliverables will be the final, definitive versions of project documents and source code. You will demonstrate your IOC executable after delivery.

Description: Construction

Build on your E2 executable to add the following functionality after extending any use cases affected.

With reference to stakeholder needs, your IOC executable will add the simplest forms of:

- (for Instructors) constrain all participants to complete modules in order (note: this is another example of a stakeholder need that will not appear in a use case flow for which the stakeholder is primary actor.

- (for Instructors) open a course for enrolment.

- (for Participants and Instructors) the change requested by the customer during E2 to embed and play YouTube video content as a component.

Deliverables (Construction)

1) Requirements, Analysis and Design Documents

Package together the final versions of all documents delivered in Inception and Elaboration, including any changes you make during Construction.

This will be the definitive document set for your project and will be evaluated as a whole during the final and most highly weighted stage of assessment.

2) Implementation

Extend the previous increment as described above and deliver your final SDP source code by zipping the root directory of your Django project together with any other required files.

Include a Readme file outlining any limitations of the executable with respect to the requirements of Elaboration and Construction.

3) Details of teamwork

Outline the structure of your project team and list the responsibilities of each member. If several team members worked on a major deliverable like an executable, we need to know if the work was evenly distributed among those members or whether one or two members did most of the work.

If you wish, you can give a numerical indication of the relative contribution of each team member on a five-point integer scale of 0 (no contribution at all) to 4 (excellent contribution). If any team member is given a score of 0 or 1, we will follow up with them to determine the reason. If you do not submit this document, we will assume that all members made an equal contribution.

Delivery:

Please upload a zipped file to Moodle containing your definitive set of documents, including the teamwork document. Upload a second file containing your zipped Django project files as described above.

Please deliver 2 hard copies of your definitive document set.

Deadline:

December 4 (Sunday), 11:55pm