

## Milestone 5: Beta Release

Composition of marks.....	1
<b>1. Final Delivery .....</b>	<b>1</b>
a. (Group) User guide (2pt) .....	1
b. (Individual) Vote for your favorite app (0.5pt).....	2
c. (Group) Final report (1.5pt) .....	2
<b>2. Architecture Design Report (4pt for Group, 8pt for Individual) .....</b>	<b>2</b>
<b>3. (Individual) Peer Evaluation (2.5pt) .....</b>	<b>2</b>
<b>4. (Individual) Reflection report (less than 2 pages) .....</b>	<b>3</b>

This is the last milestone of the project 1, we call it a BETA Release. This is typically the first time that the software is available outside of the organization that developed it. Software beta releases can either be public or private, depending on whether they are openly available or only available to a limited audience. Beta version software is often useful for demonstrations and previews within an organization and to prospective customers.

### Composition of marks

#### Total: 35.5pt

- (8pt) Group report
  - (4pt) final delivery
  - (4pt) Architecture report
- (27.5pt) Individual
  - (2.5pt) Peer evaluation
  - (8pt) Architecture report (individual)
  - (7pt) Reflection report.
  - (10pt) Code Quality, process, practices [rubrics in Files/Project1/Milestone5]

#### Due:

- User guide is due on 11/18/2020, 11:59pm EST
- Peer Evaluation is due on 11/23/2020, 11:59pm EST
- Vote for your favorite app from 11/20/2020 – 12/19/2020 11:59pm EST
- Other reports are due on 12/19/2020 11:59pm EST

### 1. Final Delivery

#### a. (Group) User guide (2pt)

In the form of a 1-page text or a short presentation as a teaser video (~3min) to demonstrate your application. The goal is to help the users be able to use your application.

#### Required contents:

- 1) URL of your application

ECE444 Software Engineering  
Project 1: Web Application Development

- 2) A summary of the key functionalities
- 3) Walk through 2 interesting use cases
- 4) Briefly summarize what could be the features for the next release if time is not limited

To receive a full mark, we expect:

- No typo
- Easy to follow
- Language used was appropriate

**b. (Individual) Vote for your favorite app (0.5pt)**

We will post the survey link on 11/21/2020, and each student needs to play with other groups' products and vote for the top 3. The top 3 teams will get extra 2pt as bonus points.

**c. (Group) Final report (1.5pt)**

**1) Revision of previous reports (0.5pt)**

If you received negative comments about your group reports in Milestone 3&4 and if you think the feedback is acceptable, you should address those this time. We do not want reports to be revised; we always want to be moving forward. However, we will take off for mistakes that are made twice in a row.

**2) Change summary (1pt)**

A brief report summarizing the changes that were made based on those feedback and comments. No need to answer every single question. If you think the feedback is acceptable, update your report or system and summarize the changes you have made. If you think the feedback is out of scope, simply list them in an "out of scope section".

\*Naming format: GroupNumber\_ChangeSummary.pdf [e.g., Group21\_ChangeSummary.pdf]

**Further Guide:**

You may or may not agree with all the comments, so do not feel you need to respond to every comment by making changes. However, it is often easier for outsiders to identify missing assumptions and ambiguities, which your team should attempt to rectify in your report, as well as correcting any errors or mistakes. Your revised report will be used to evaluate your final project grade.

**Evaluation Criteria:**

Recognition of all criticism provided by the other team and the course staff, whether through changes to your project report or through thoughtful responses that explain why the advice was not factored into the revision.

## **2. Architecture Design Report (4pt for Group, 8pt for Individual)**

See requirement in the "Milestone5.2-ArchitectureReport.pdf". Please put your group report in your OneDrive folder as well (under /Project1/Milestone5/).

## **3. (Individual) Peer Evaluation (2.5pt)**

<https://forms.office.com/Pages/ResponsePage.aspx?id=JsKqeAMvTUuQN7RtVsVSEHceHKKSTDJCKoyyVzw7pDZUMehMWTBYWINVQUxSSDIyRUdFUDVDMFI5Si4u>

This score will depend on the final score of Milestone 5. See the calculation detail in the paper.

#### 4. (Individual) Reflection report (less than 2 pages)

It is a good time to summarize your experience of developing project 1 retrospectively.

- **Requirement Elicitation.** Have you made changes after Milestone 3? What were the reasons leading to the changes?
- **Teamwork.** Summarize your experience of the team work, what was good, what could be improved. Think about the agile development processes, different stages and sprint, summarize what you have learned from this process.
- **Testing.** What kind of testing strategies and techniques you and your team adopted. Activities including writing unit test, review others' test, integrate DevOps into your pipeline, etc.
- **Code Review.** Have you reviewed your teammates' code? How often? List the URLs here showing that you've reviewed code written by others.
- **Any other things you think worth mentioning.**

To receive full credit on the individual reflection, we expect:

An analysis beyond mere descriptions and superficial statements, including supporting evidence for claims, that reflects on the causes of identified issues or your own experience.

**\* Naming format:**

GroupNumber\_Yourname\_Reflection.pdf [*e.g. Group21\_ShuruiZhou\_Reflection.pdf*]