

## Milestone 2: **Group Deliverable**

**Due Date:** 18 May 2020 - 23:55

**How:** Electronic submission to both Moodle and GitHub

**Format:** PDF file [named as “**M2-Group<X>.pdf**”, where <X> corresponds to your group number]

This report is a synthesis of and reflections on the implementation of your first deployed application. Your report should be prepared based on the processes you have encountered during the implementation, and your reflective observations. Recall that milestones enable the examination of the work done, the processes & tools chosen, and what you think about the current status. It gives you an opportunity for continuous improvement.

Note that we expect you to consider the given feedback in the lecture, PS, and Piazza while preparing your milestone report. You will decide the organization and presentation of your reports, yet your report must include at least the following:

- **Executive Summary:** Summary of project status and any changes that are planned for moving forward
  - Introduction
  - Work done so far
  - Road ahead
  - Challenges you met as a group
- List and status of deliverables.
- Evaluation of the **status** of deliverables and its impact on your project plan.
- A brief and clear summary of the work done by each team member (in tabular format).
  - Bad example
    - I attended lectures and group meetings. I also wrote some unit tests.
  - Good example
    - I implemented X method of Y API in Z file, and prepared the Q unit test to test the implemented X method.
- Evaluation of tools and processes you have used to manage your team project.
- **API documentation and URL.**

Contributions that will be evaluated independent from your group milestone report:

- **Wiki.** Every element of your project should be accessible via Wiki page, which should always be up-to-date.
- **Meetings.**
- **Issues.**
- **Pull requests.**

**Deliverable:**

- Digital version (PDF file) of your milestone report.

**Delivery Method**

- The **communicator** of each group should submit the corresponding report to the assignment named “*Milestone Report 2 - Group Deliverable*” on Moodle.
- You may update your Moodle submission until the deadline. If you have a submission that you want to revise, you should resubmit it before the Moodle submission system closes. Milestone reports **will not be accepted by e-mail**. Do not risk submitting in time by waiting for the last moment. You have ample time to submit your report. Connectivity problems to the Internet or to Moodle in the last few minutes are not valid excuses for being unable to submit. After uploading to Moodle, check to make sure that **the last version of your project** appears there.
- In addition to your Moodle submission, add your 2nd milestone report named “**M2-Group<X>.pdf**” under a directory titled “*deliverables*” in your GitHub project repository.

## Milestone 2: Individual Deliverable

**Due Date:** 18 May 2020 - 23:55

**How:** Electronic submission to Moodle

**Format:** PDF file [named as "<GroupNo>\_<StudentID>.pdf" format (e.g., "Group10\_2019901252.pdf")]

This part of your milestone will be prepared individually by each team member. Your individual submission must include at least the following:

- **Title Page:** Title of report, date, group number and name, your name and student ID
- **Executive Summary:** Clearly answer the following questions (format your answers according to each item)
  - Which API did you choose?
  - Why did you choose that API?
  - Briefly explain the details of the chosen API.
  - Detailed description of your task
  - What functionalities does your API provide?
  - What challenges did you encounter during implementation?
- **Review the code of other team members:** Clearly answer the following questions by categorizing
  - Whose code did you review? Indicate with a link **to a pull request**. Reviews made by phone or messaging applications will not be considered.
  - What was the outcome of your review? Describe the interaction and result.
  - For each code review you received, describe its nature (problems, status, etc.) and how you addressed them.
- **Unit tests:** Describe all of your unit tests by referencing the code.
- **Pull requests:** Describe the process you encountered for each pull request that you created.
- **Issues:** In tabular format provide the URLs of the issues that:
  - you created related to the implementation assignment
  - the issues that are assigned to you

### Deliverable

- Digital version (PDF file) that includes the appropriately formatted with the information requested above and named as.

### Delivery Method

- You have to submit your report to the assignment named "*Milestone Report 2 - Individual Deliverable*" on Moodle as a PDF file.
- The PDF file should be named in [<GroupNo>\_<StudentID>].pdf format (e.g., "Group10\_2019901252.pdf").
- You may update your Moodle submission until the deadline. If you have a submission that you want to revise, you should resubmit it before the Moodle submission system closes. Milestone reports **will not be accepted by e-mail**. Do not risk submitting in time by waiting for the last moment. You have ample time to submit your report. Connectivity problems to the Internet or to Moodle in the last few minutes are not valid excuses for being unable to submit. After you upload your report to Moodle, check to make sure that **the last version of your project** appears there.