1. Team Name:

2. Team Members:

Amanuel Ashenafi

Moan Bekele

Yabets Bedlu

Dagim Seyoum

Amanuel hailu

Noah wondwosen

3. Chosen Topic and Motivation. Please answer the following:

a. What is your software project? A few words describing what you want to build?
   - Our software project is a medical license applying and renewal website that helps health professionals in Oromia region to apply for medical license online.
b. Who are the users of your software?
   - Health professionals in Oromia region
   - Designated employees of Oromia health office
c. What problem are you solving for your users? How will your software benefit your users?
   - First and foremost, we aim to solve the problem of people coming from all parts of Oromia to Addis Ababa to apply for a medical license. As there are so many applicants the lines get really long and some people even sleep on the floor to keep their position in the line.
   - We also want to take some burden off of OHO employees who work with medical license application.
d. Why did you pick this project?
   - One of our team members' father works in the office of OHO and he shared how he feels bad for the people travelling all this way to wait up in these horrible lines with his son and he proposed the idea to the group. Then, we all agreed to develop something to help these people.

4. Brainstorm: Imagine you are the user. What should this software allow you to do? Use short phrases.

   - Allow applicants to register with their information and upload their credentials.
   - Allow designated employees to populate database with data from universities
   - Bring up applicants whose information checks out with the one in the database.
   - Printing a license after approval
   - Sending an email to applicants with an appointment to collect license
   - Allow employee to login into the database and edit data.
   - Bring up applicants who didn't come and collect their license on the specified date.

5. Prioritize: Order the cases and actions you've listed above from most important, to least important.

- Allow applicants to register with their information and upload their credentials. (Very important)
- Allow designated employees to populate database with data from universities (Very important)
- Bring up applicants whose information checks out with the one in the database. (Very important)
- Printing a license after approval (Important)
- Sending an email to applicants with an appointment to collect license (Important)
- Allow employee to login into the database and edit data. (Fairly important)
- Bring up applicants who didn't come and collect their license on the specified date. (Good to have)

6. User Stories: Convert the top 3 cases/actions to User Stories, i.e. Please rephrase your top 3 requirements into clear and well-formatted user stories in the "As a …. I want to … so that…" format.

- **User story 1**
- **As an** applicant for a license, **I want to** register to the OHO website with my information and upload my credentials **so that** I can apply for a medical license.
- **User story 2**
- **As a** designated employee of OHO, **I want to** populate database with data from universities **so that** the system can cross-check with information applicants provide while applying.
- **User story 3**
- **As a** designated employee of OHO**, I want to** be presented with applicants whose information checks out with the one in the database **so that** I can check the validity of their credentials.

7. Acceptance Criteria: For each of the above User Stories, specify at least 2 Acceptance Criteria, using the Given… When… Then… format

User story 1: As an applicant for a license, **I want to** register to the OHO website with my information and upload my credentials **so that** I can apply for a medical license.

Given: I am a new applicant for a medical license and accessed the license application website for OHO.
When: I click on license application from the options provided
Then: I am taken to a new page with input fields for basic information and upload button with a drop-down list for the specific document I am uploading.

Given: I am on the license application page
When: I fill in my information (Name, Age, Sex, Email address, Graduating year, University and Health Field) on fields provided, Upload documents (8th grade Ministry, 10th and 12th grade matric and degree

certificate) and click apply.

Then: the system sends a message that it started my application process.

Given: I am a new applicant and I am on the license application page
When: I didn't upload all the documents required or input information on all the fields provided
Then: the system notifies me that I need to upload all the documents and input all information in order to proceed with the application process.

User story 2: As a designated employee of OHO, **I want to** populate database with data from universities **so that** the system can cross-check with information applicants provide while applying.

Given: I am a designated employee who wants to add graduate's data and opened the database
When: I click on the add new graduate option
Then: I am presented with basic information input fields and a submit button

Given: I am a designated employee and I am on the "add graduate" page
When: I put in basic information(Name, Age, Sex, Email address, Graduating year, University and Health Field) in the fields provided and click on submit
Then: I am presented with a success message.

Given: I am a designated employee and I am on the "add graduate" page
When: I fill in invalid data or no values and click the submit button
Then: the I will be shown a message about what invalid data I put in.

User story 3: As a designated employee of OHO**, I want to** be presented with applicants whose information checks out with the one in the database **so that** I can check the validity of their credentials.

Given: I am a designated employee who wants to view applicants the system approved
When: I click on the approved applicants tab
Then: the system provides me the applicants with the documents they attached.

Given: the system is searching for information of applicants in the database
When: the system couldn't match information provided by an applicant during application with information in the database
Then: the system sends an email to the applicant to correctly enter information and apply again. And to send an email to a provided address if they keep on getting this email despite applying with correct information.

8. JIRA: Create a JIRA Project for your selected topic

https://amanuelashenafi.atlassian.net/jira/software/projects/MLAR/boards/2/backlog?selectedIssue=MLAR-2