Timeline for Mboalab/Outreachy Internship

This timeline was drafted taking into account the tasks ahead, the challenges foreseen and Mboalab community goal of building capacity in interns.
This timeline is flexible and can be changed if deemed fit by the mentors.

Proposed Time	Work Description/Proposed Tasks
23rd November-3rd December. Weeks before Internship begins	Contact my mentors, schedule meetings, Define a work routine in line with the tasks ahead, Conclude on mode of communication. Take care of bureaucratic requirements ranging from signing of contracts, setting up payment schedules and other necessary arrangements.
Week 1 6th-10th December	Get familiar with the Mboalab Team members and community members. A form of onboarding meeting. Read more on the RST and Decision Tree Algorithm available already. Write a post on what i learnt and publish it. Ask from the mentors for work schedules or tasks if available.
Weeks 2 - 4 13th- 31st December	Look at reaching out to communities and other collaborative partners that can assist in the data gathering. (for example, the Medical Doctors Association can help give permission that will assist in access to patients' files even though anonymously). Meetings with this parties, would give insights to suggestions, tips and possible solutions which in turn would be classified into duration (long term, immediate, short term) Design interview questions for medical practitioners, medical laboratory scientists to understand the symptoms, level and severity of typhoid fever. Look at the options of tips from non medical practitioners (patients) that can also assist in gathering a robust dataset. Holiday breaks
Week 5 3rd- 7th January	Learn more about the 18 symptoms Algorithm variables and publish what has been learnt. Conclude on what data collection tools would be used and effective.
Weeks 6- 9 10th January - 4th February	With the concluded data collection tools, design the question with the tool. Get more familiar with the software to be used. Chart out a plan to have access to a broad range of data. With the different ethnic groups, gender and age in mind, collect images for the data set.
Week 10 7th - 11th February	Learn more about Convolutional Neural Networks and how to use decision trees to train structured data. publish what has been learnt.
Weeks 11 - 12 14th - 25th February	With guidance from mentors, work on designing the CNN to train images and decision trees to train structured data.
Week 13 28th February - 4th March	Put finishing touches. Final report drafting. Evaluation/Feedback from mentors.