1. Introduction

After receiving paper reviews, we were advised to provide a URL where the system is deployed and where the code is deposited in GitHub.

The system is available at http://18.218.239.12/. Additional information on how the system was implemented and deployed can be found at the GitHub repository that can be accessed at https://github.com/rnakasi/Web-based-Malaria-diagnosis

Due to the big size of the inference model, we couldn't commit it to the GitHub Repository, it can be accessed at: https://drive.google.com/open?id=1tRCfIPl_KlsIP7H-KFHtwnWdOoCUXVj8

1.1. How the systems works remotely on the server.

To be able to experiment with the remote prototype system:

A) Open a web browser and run the url at http://18.218.239.12/.

B) Using test images at https://github.com/rnakasi/Web-based-Malaria-diagnosis, upload an image to the system and automatically detected parasites on the returned image characterising malaria parasites will be seen.

1.2. Testing the code

To run the code,

A) Access the frozen inference model from https://drive.google.com/open?id=1tRCfIPl_KlsIP7H-KFHtwnWdOoCUXVj8 and place in it the FlaskObjectDetection folder available at https://github.com/rnakasi/Web-based-Malaria-diagnosis

B) Run the code using Python app.py available in the FlaskObjectDetection folder

C) Follow the localhost url to generate the web based deployment