

CSE 472

Bangla Character Recognition Challenge

Submitted By:

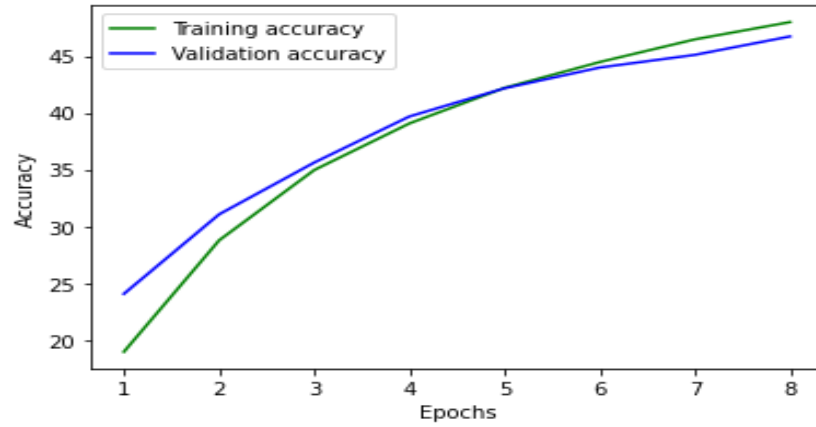
Name: Joy Saha

Student ID: 1705030

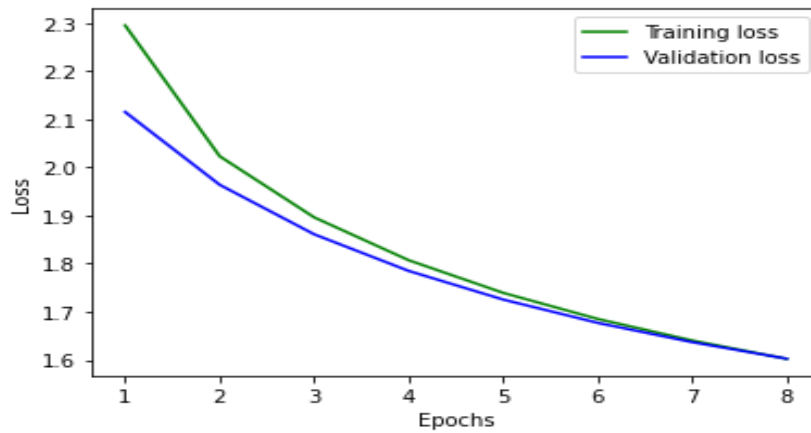
Section: A1

Learning rate: 0.001

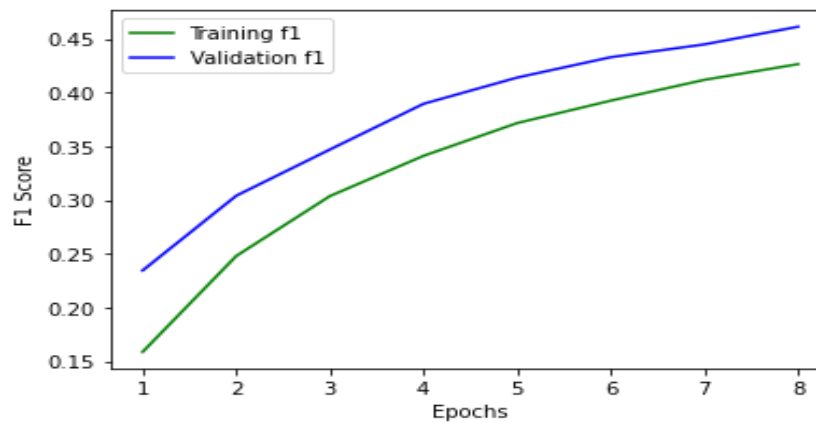
Accuracy:



Loss:

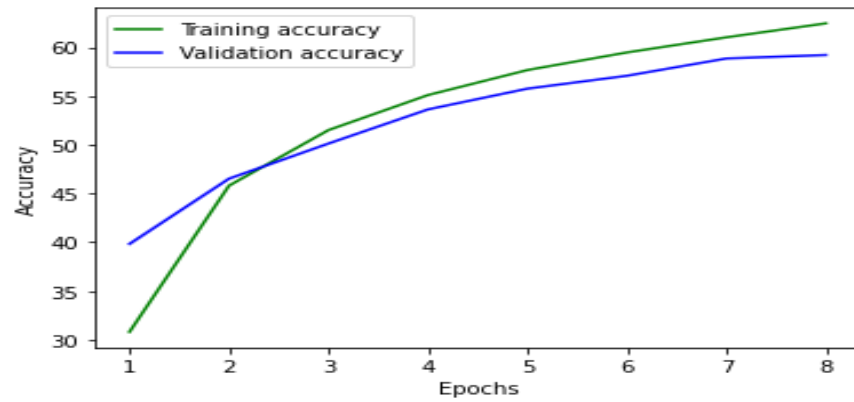


F1 Score:

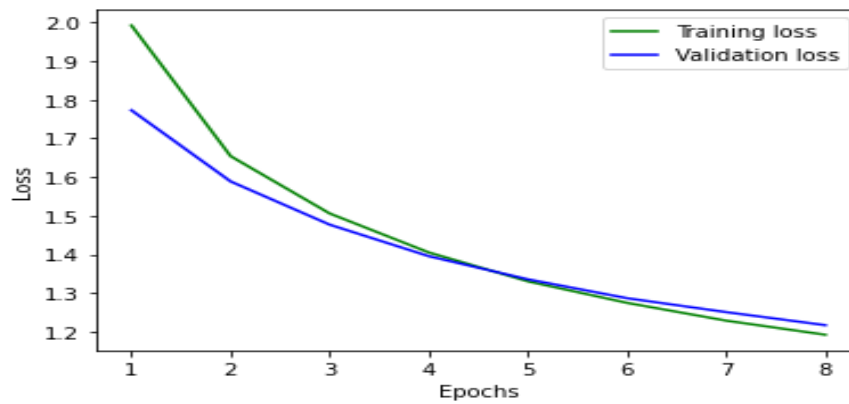


Learning rate: 0.005

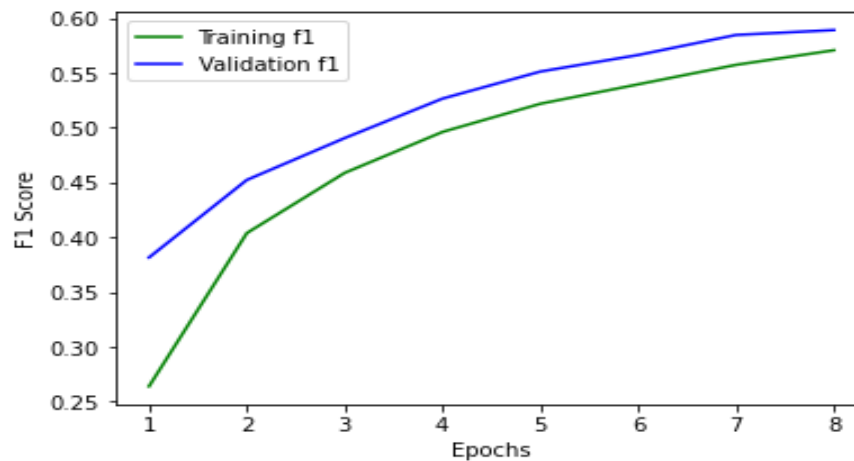
Accuracy:



Loss:

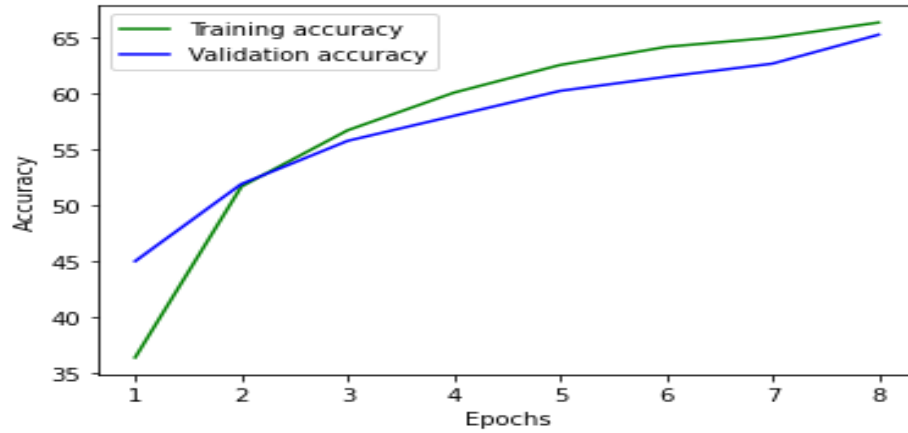


F1 Score:

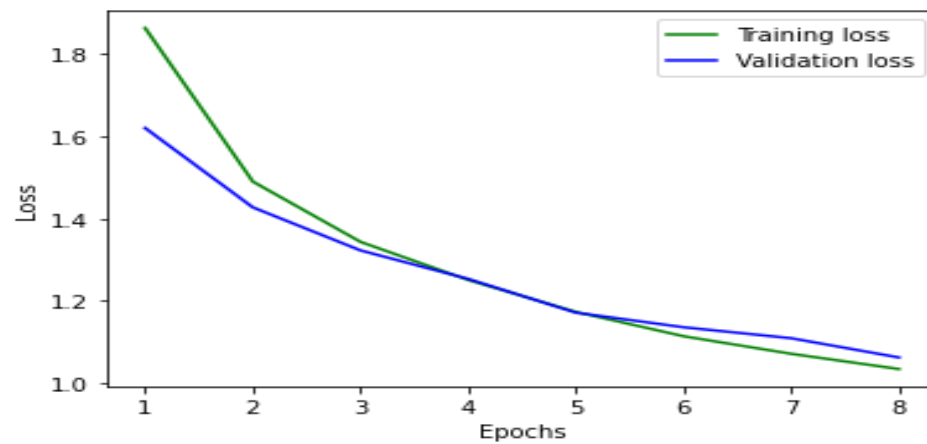


Learning rate: 0.01

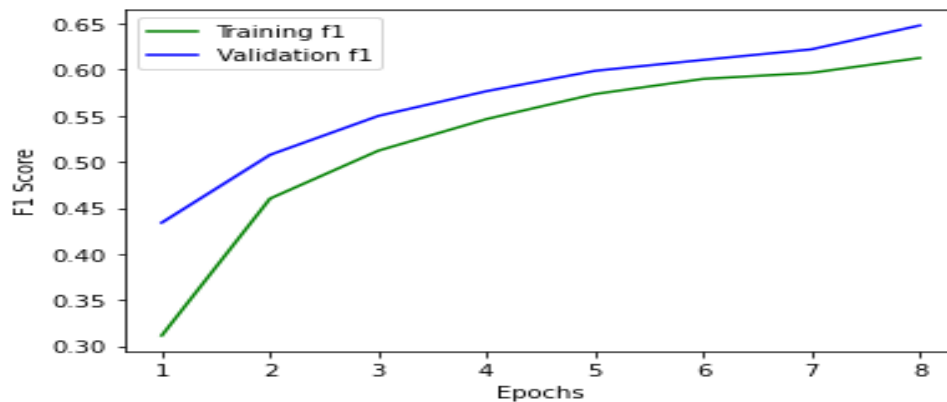
Accuracy:



Loss:

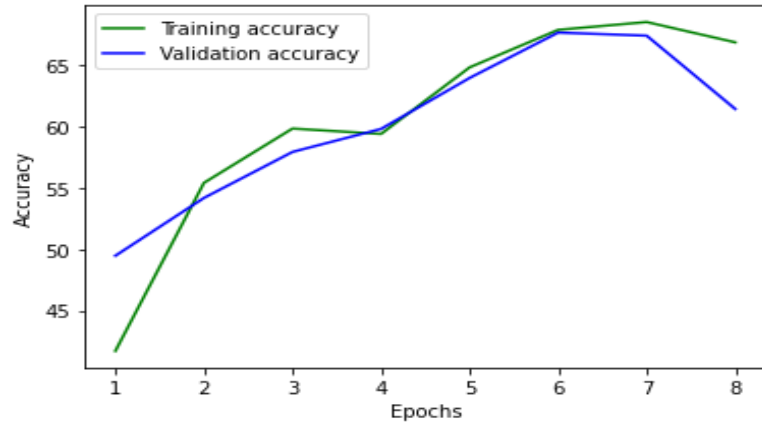


F1 Score:

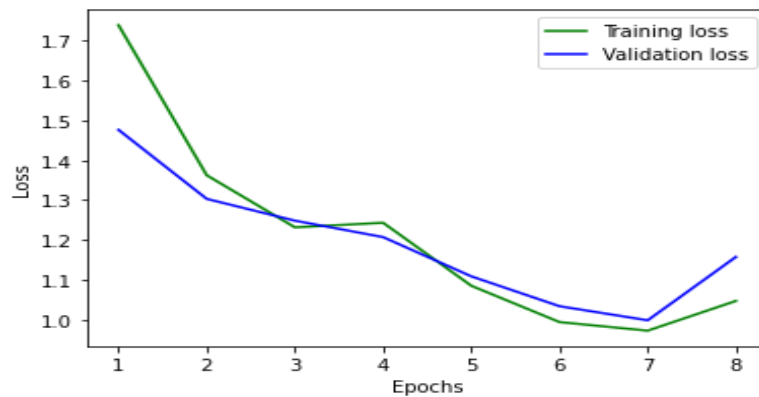


Learning rate: 0.02

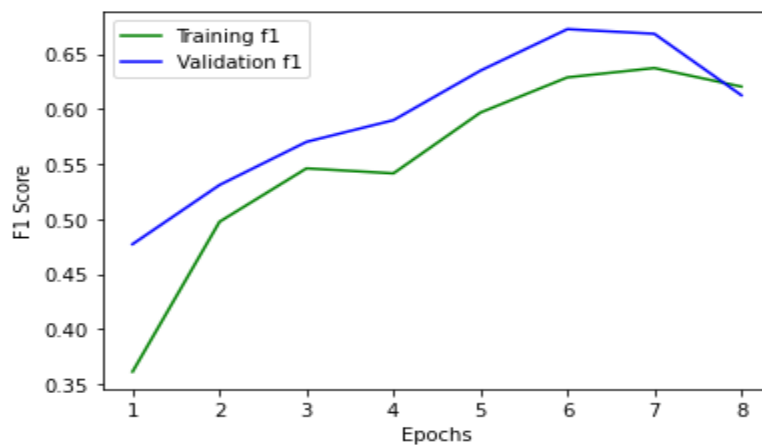
Accuracy:



Loss:



F1 Score:



Best model

Learning rate: 0.01

Training:

Accuracy: 66.3865072202166 %

Loss: 1.0350428480311136

F1: 0.6127962378486153

Validation:

Accuracy: 65.29680365296804 %

Loss: 1.0630564573732975

F1: 0.6480960997054679

Test:

Accuracy: 61.61532819948662 %

Loss: 1.1634145150546724

F1: 0.6106226309701086

Confusion Matrix:

