

### **Jira - (Usage of project planning tool)**

|               |   |
|---------------|---|
| Date          | 18 October 2022   |
| Team ID       | PNT2022TMID19491  |
| Project Name  | A Novel Method for handwritten digit recognition system |
| Maximum Marks | 2 Marks   |

Activities Google Chrome Nov 18 11:44

IBM-Project-32388-16602 A Novel Method for Handwritten Digit Recognition System

pnt2022tmd19491.atlassian.net/jira/software/projects/NMFHDRS/boards/1/backlog

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### Backlog

Search NK M H DD Epic Insights

- NMFHDRS Sprint 1 24 Oct – 29 Oct (2 issues) 0 0 20 Complete sprint
- NMFHDRS Sprint 2 31 Oct – 5 Nov (5 issues) 20 0 0 Start sprint
- NMFHDRS Sprint 3 7 Nov – 12 Nov (3 issues) 15 0 0 Start sprint
- NMFHDRS Sprint 4 14 Nov – 19 Nov (2 issues) 20 0 0 Start sprint
- Backlog (0 issues) 0 0 0 Create sprint

Your backlog is empty.

Quickstart

Activities Google Chrome Nov 18 11:43

IBM-Project-32388-16602 NMFHDRS board - Agile

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### NMFHDRS Sprint 1

Data Collection and Preprocessing

0 days remaining Complete sprint

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TO DO IN PROGRESS IN REVIEW DONE 2 ISSUES

As a user, I can collect the dataset from various resources with different handwritings.

DATA COLLECTION AND PREPRO...

NMFHDRS-1 ✓ 10 M

As a user, I can load the dataset, handling the missing data, scaling and split data into train and test.

DATA COLLECTION AND PREPRO...

Quickstart

Activities

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Nov 18 11:45

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NMFHDRS board - Agile

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NMFHDRS Sprint 2

0 days remaining

Complete sprint

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Sprint 1

Clear filters

GROUP BY

None

Insights

TO DO

IN PROGRESS 2 OF 2 ISSUES

IN REVIEW 1 OF 1 ISSUE

DONE 2 OF 4 ISSUES

Creating the model and adding the input, hidden, and output layers to it

MODEL BUILDING

NMFHDRS-4

5

NK

As a user, the model is saved & integrated with an android application or web application in order to predict something. As a user, the model is saved & integrated with an android

With both the training data defined and model defined, it's time to configure the learning process.

MODEL BUILDING

NMFHDRS-5

2

DD

As a user, I will get an application with ML model which provides high accuracy of recognized handwritten digit.

MODEL BUILDING

NMFHDRS-3

5

H

As a user, let us train our model with our image dataset.

MODEL BUILDING

NMFHDRS-6

6

DD

Quickstart

Activities

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Nov 18 11:46

IBM-Project-32388-16602 x NMFHDRS board - Agile x

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NMFHDRS Sprint 3

0 days remaining

Complete sprint

Search

NK H DD

Epic

GROUP BY

None

Insights

TO DO

IN PROGRESS 1 ISSUE

IN REVIEW 1 ISSUE

DONE 1 ISSUE

As a user, I can see the predicted / recognized digits in the application.

BUILDING UI APPLICATION

NMFHDRS-10

As a user, I can know the details of the fundamental usage of the application.

BUILDING UI APPLICATION

NMFHDRS-9

As a user, I will upload the handwritten digit image to the application by clicking a upload button.

BUILDING UI APPLICATION

NMFHDRS-8

Quickstart

Activities

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NMFHDRS Sprint 4

0 days remaining

Complete sprint

Search

NK H DD

Epic

GROUP BY

None

Insights

TO DO

IN PROGRESS 2 ISSUES

IN REVIEW 1 ISSUE

DONE 1 ISSUE

As a user, I train the model on IBM and integrate flask/Django with scoring end point.

TRAINING AND CLOUD DEPLOYM...

NMFHDRS-11

As a user, I can access the web application and make the use of the product from anywhere.

TRAINING AND CLOUD DEPLOYM...

NMFHDRS-12

As a user, I can see the predicted / recognized digits in the application.

BUILDING UI APPLICATION

NMFHDRS-10

As a user, I can know the details of the fundamental usage of the application.

BUILDING UI APPLICATION

NMFHDRS-9

Quickstart

