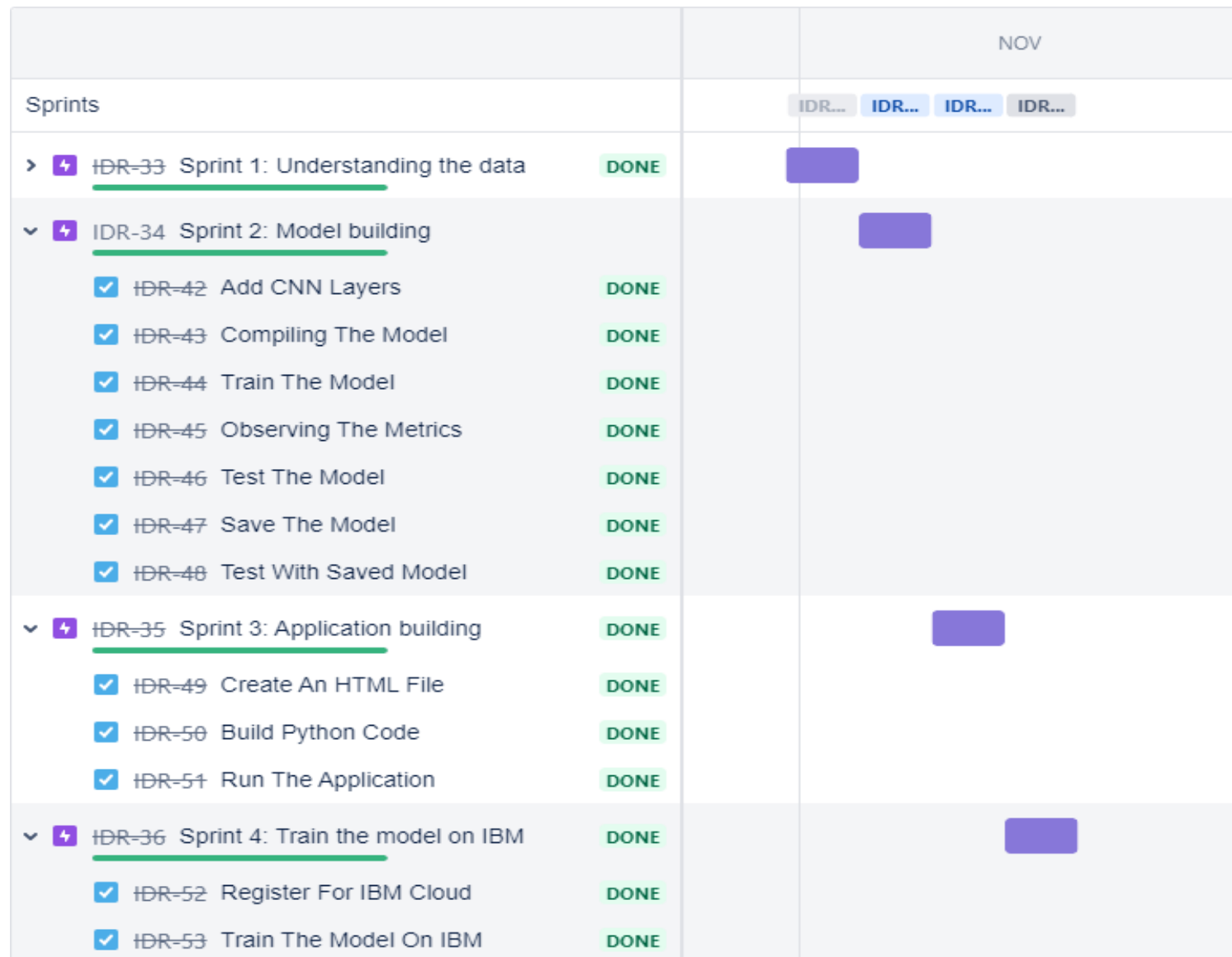
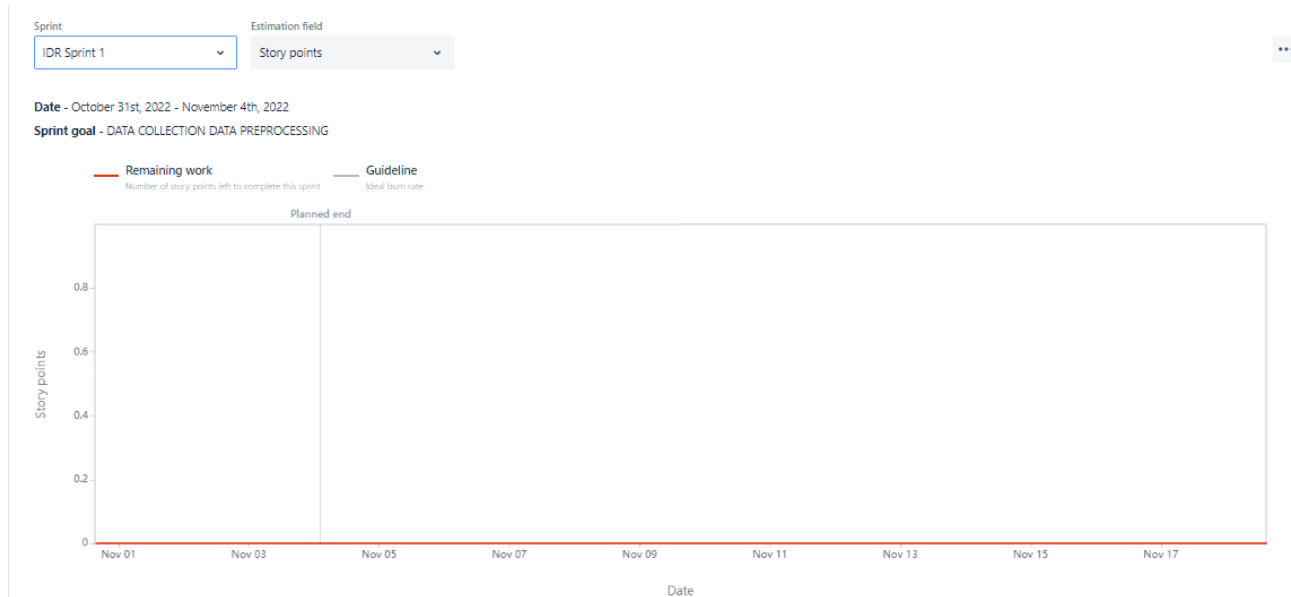


JIRA – ROADMAP



Sprint Burndown chart - sprint 1



▼ IDR Sprint 1 31 Oct – 4 Nov (7 issues)

DATA COLLECTION DATA PREPROCESSING

☒ IDR-2 Import the required libraries

☒ IDR-3 Loading the data

☒ IDR-4 Analysing the data

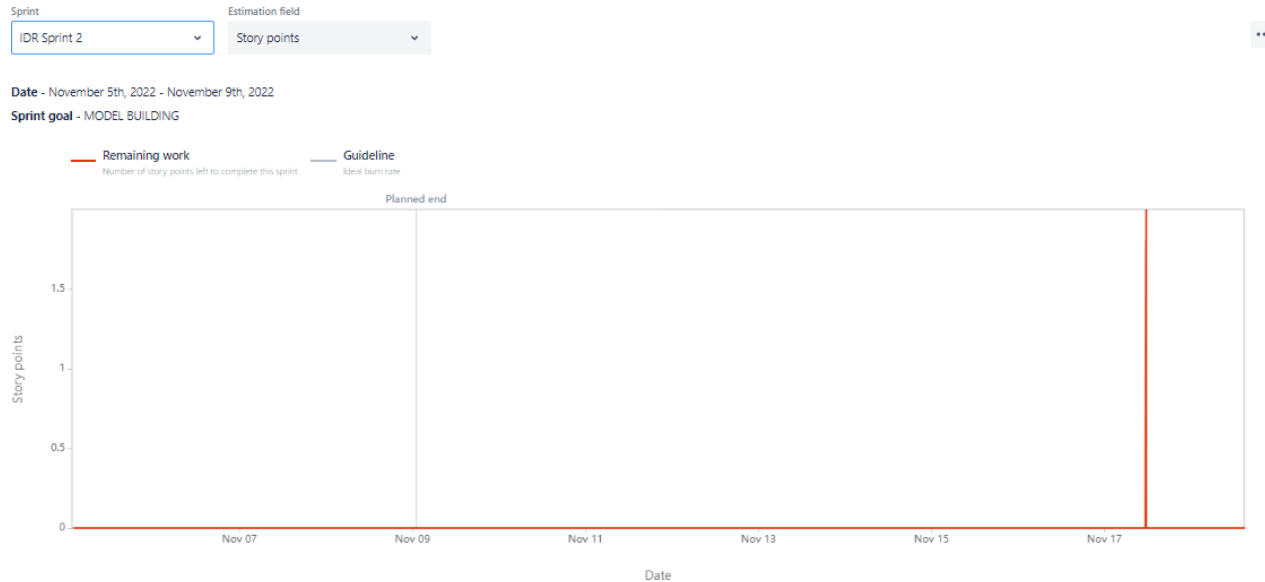
☒ IDR-5 Reshaping the data

☒ IDR-6 Upload prerequisites

☐ IDR-27 As a user, I can load the dataset, handling the missing data, scaling and split data into train and test.

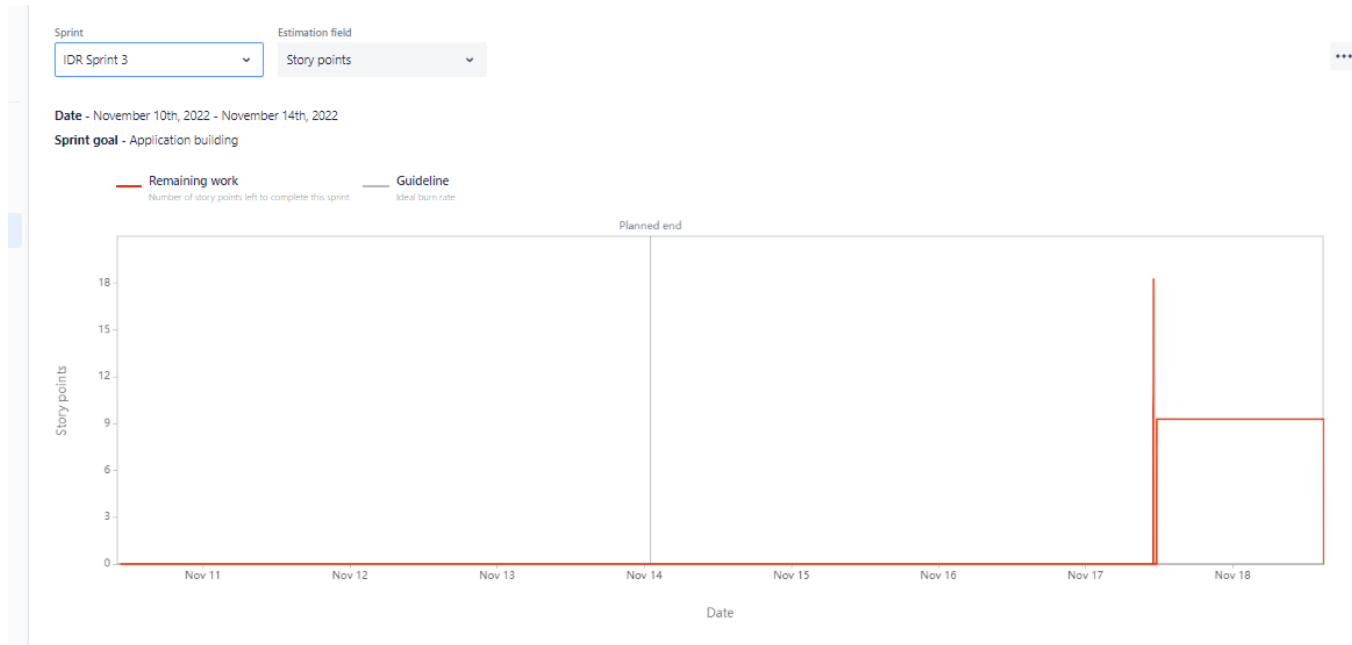
☐ IDR-28 As a user, I can collect the dataset from various resources with different handwritings

Sprint Burndown chart - sprint 2



IDR Sprint 2 5 Nov – 9 Nov (11 issues)		0 0 20	Complete sprint	...
MODEL BUILDING				
<input checked="" type="checkbox"/>	IDR-7 add CNN layers	1.9	DONE	M
<input checked="" type="checkbox"/>	IDR-8 compiling the model	1.9	DONE	H
<input checked="" type="checkbox"/>	IDR-9 train the model	1.9	DONE	
<input checked="" type="checkbox"/>	IDR-10 observe the metrics	1.9	DONE	M
<input checked="" type="checkbox"/>	IDR-11 test the model	1.9	DONE	H
<input checked="" type="checkbox"/>	IDR-12 save the model	1.9	DONE	
<input checked="" type="checkbox"/>	IDR-13 test with the saved model	1.9	DONE	H
<input checked="" type="checkbox"/>	IDR-32 Directory error while linking files	2	DONE	
<input checked="" type="checkbox"/>	IDR-29 As a user, I will get an application with ML model which provides high accuracy of recognized handwritten digit	1.85	DONE	M
<input checked="" type="checkbox"/>	IDR-30 Creating the model and adding the input, hidden, and output layers to it	1.85	DONE	M
<input checked="" type="checkbox"/>	IDR-31 With both the training data defined and model defined, it's time to configure the learning process	1	DONE	

Sprint Burndown chart - sprint 3

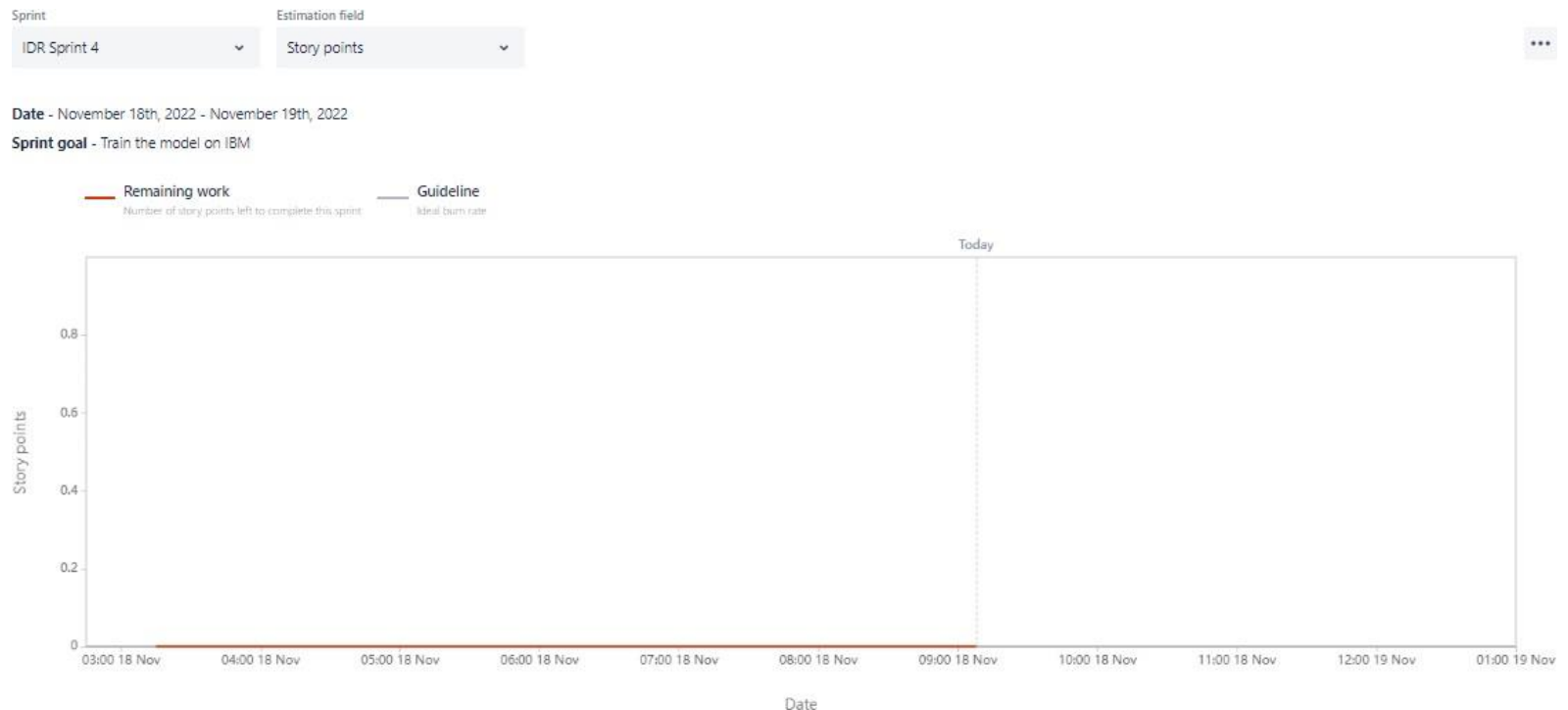


▼ IDR Sprint 3 10 Nov – 14 Nov (13 issues)

Application building

- ✓ IDR-14 Create index HTML File
- ✓ IDR-15 import libraries
- ✗ IDR-20 Error in installation of PIL library
- ✗ IDR-26 Due to error in link provided, source HTML code and related files were not available causing delay.
- ✓ IDR-16 Routing to the html Page
- ✗ IDR-21 Issues in file directory
- ✗ IDR-22 Issues in linking html files
- ✓ IDR-17 Returning the prediction on UI
- ✓ IDR-18 Build python code
- ✓ IDR-19 Run The Application
- IDR-23 As a user,I will upload the handwritten digit image to the application through upload option.
- IDR-24 As a user,I know the details of the fundamental details of the application.
- IDR-25 As a user,I can see the predicted or recognised digits in the application.

Sprint Burndown chart - sprint 4



▼ IDR Sprint 4 18 Nov – 19 Nov (2 issues)

Train the model on IBM

☒ IDR-54 Register on IBM cloud

☒ IDR-55 Train the model on IBM