Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	22 October 2022
Team ID	PNT2022TMID39294
Project Name	AI BASED DISCOURSE FOR BANKING INDUSTRY
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dashboard	USN- 1	As a user, I need to access the chatbot very quickly without registration / Create IBM Watson Assistant Service	10	Medium	DWARAGA R.V
Sprint-1	Chatbot Skills	USN- 2	As a user, I want a chatbot to be able to greet, suggest relevant queries, and end the conversation properly / Create greetings, query suggestions, and end-of-conversation skills	10	Medium	JAGATHESWARAN S
Sprint-2	Chatbot Skills	USN- 3	As a user, I want the chatbot to guide me through the creation of a savings account / Creating Saving Account Action	7	High	JAGATHESWARAN S
Sprint-2	Chatbot Skills	USN- 4	As a user, I want the chatbot to guide me through the creation of a current account / Creating Current Account Action	7	High	JAGATHESWARAN S
Sprint-2	Chatbot Skills	USN- 5	As a user, I want the chatbot to be able to answer loan queries / Creating Loan Account Action	6	High	DWARAGA R.V
Sprint-3	Chatbot Skills	USN- 6	As a user, I want the chatbot to be able to answer general banking queries / Creating General Query Action	10	High	DWARAGA R.V
Sprint-3	Chatbot Skills	USN- 7	As a user, I want the chatbot to be able to answer queries regarding net banking / Creating Net Banking Action	10	High	DWARAGA R.V
Sprint-4	Chatbot Deployment (HTML Website)	USN- 8	As a user, I want to access the chatbot in my web browser / Build HTML Code	7	Medium	DHIVYA S
Sprint-4	Chatbot Deployment (Python Flask)	USN- 9	As a user, I want the application to run in our local browser with a user interface / Build Python Code	7	Low	JOSEPH VIKRAM R
Sprint-4	Run the Application	USN- 10	As a user, I want to use the final product of the chatbot / Test the application	6	Medium	JOSEPH VIKRAM R

Project Tracker, Velocity & Burndown Chart: (4 Marks)

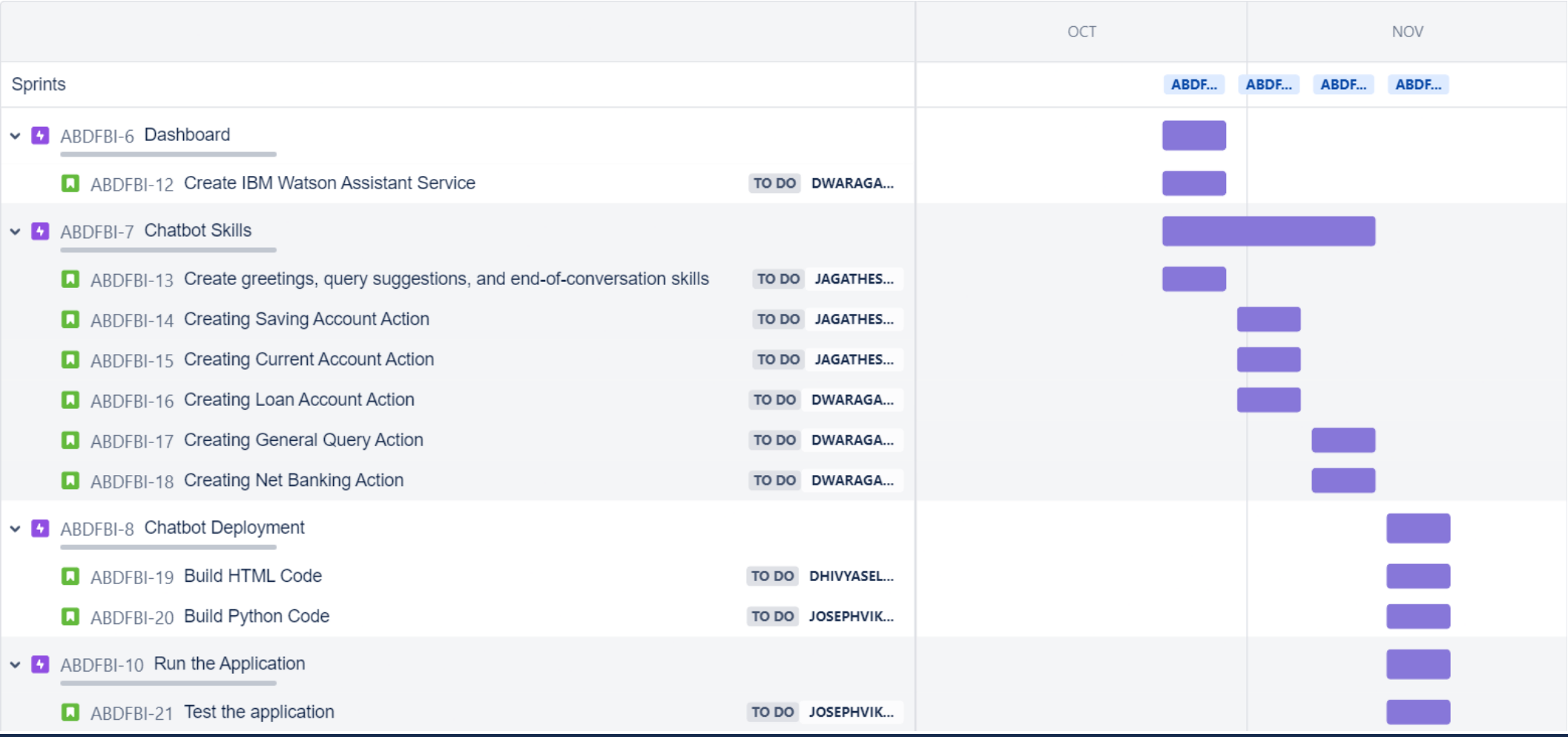| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

AV = Sprint duration/velocity = 20/6 = 3.33

Burndown Chart: A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

(This Chart is taken before development)

			OCT	NOV
Sprints			ABDF... ABDF...	ABDF... ABDF...
⌄ ⚡ ABDFBI-6 Dashboard			▮	
▢ ABDFBI-12 Create IBM Watson Assistant Service	TO DO	DWARAGA...	▮	
⌄ ⚡ ABDFBI-7 Chatbot Skills			▮▮▮▮	
▢ ABDFBI-13 Create greetings, query suggestions, and end-of-conversation skills	TO DO	JAGATHES...	▮	
▢ ABDFBI-14 Creating Saving Account Action	TO DO	JAGATHES...	▮	
▢ ABDFBI-15 Creating Current Account Action	TO DO	JAGATHES...	▮	
▢ ABDFBI-16 Creating Loan Account Action	TO DO	DWARAGA...	▮	
▢ ABDFBI-17 Creating General Query Action	TO DO	DWARAGA...		▮
▢ ABDFBI-18 Creating Net Banking Action	TO DO	DWARAGA...		▮
⌄ ⚡ ABDFBI-8 Chatbot Deployment				▮
▢ ABDFBI-19 Build HTML Code	TO DO	DHIVYASEL...		▮
▢ ABDFBI-20 Build Python Code	TO DO	JOSEPHVIK...		▮
⌄ ⚡ ABDFBI-10 Run the Application				▮
▢ ABDFBI-21 Test the application	TO DO	JOSEPHVIK...		▮

Sprint burndown chart

Sprint

ABDFBI Sprint 1 ⌄

Estimation field

Story points ⌄

•••

Date - October 24th, 2022 - October 29th, 2022

Sprint goal - Create IBM Watson Assistant Service, Create greetings, query suggestions, and end-of-conversation skills.

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate

Sprint burndown chart

Sprint
ABDFBI Sprint 2 ⌄

Estimation field
Story points ⌄

···

Date - October 31st, 2022 - November 5th, 2022

Sprint goal - Creating Saving Account Action , Creating Current Account Action , Creating Loan Account Action

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate

Sprint burndown chart

Sprint

ABDFBI Sprint 3 ▾

Estimation field

Story points ▾

⋯

Date - November 7th, 2022 - November 12th, 2022

Sprint goal - Creating General Query Action, Creating Net Banking Action

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate

Sprint burndown chart

Sprint

ABDFBI Sprint 4 ⌄

Estimation field

Story points ⌄

•••

Date - November 14th, 2022 - November 19th, 2022

Sprint goal - Build HTML Code, Build Python Code, and Test the application.

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate