Story	Estimate	1	2	3	4
C1	23	-12.5	-12.5	-12.5	-12.5
C2	48.5	48.5	5.5	5.5	5.5
C3	15	-2	-2	-2	-2
C4	13	13	5	5	5
C5	0	0	0	0	0
C6	27	27	6	6	6
C7	0	0	0	0	0
C8	15	15	15	15	-1
C9	17	17	17	17	-20
C10	40	40	40	-3	-3
C11	27	27	27	27	8.5
C12	0	0	0	0	0
C13	0	0	0	0	0
C14	2.5	2.5	2.5	2.5	-0.5
C15	10	10	10	1.5	1.5
C16	12.5	12.5	12.5	5.5	5.5
C17	29	29	29	6.5	6.5
C18	0	0	0	0	0
C19	0	0	0	0	0
C20	0	0	0	0	0
C21	0	0	0	0	0
C22	0	0	0	0	0
D1	5	5	1.5	1.5	1.5
D2	5	5	1	1	1
D3	2	2	0	0	0
D4	0.5	0.5	0	0	0
D5	3.5	3.5	0	0	0
D6	2	2	-1	-1	-1
D7	26	26	26	0	0
D8	67	67	67	67	4

| Totals	390.5	338	249.5	142.5	5
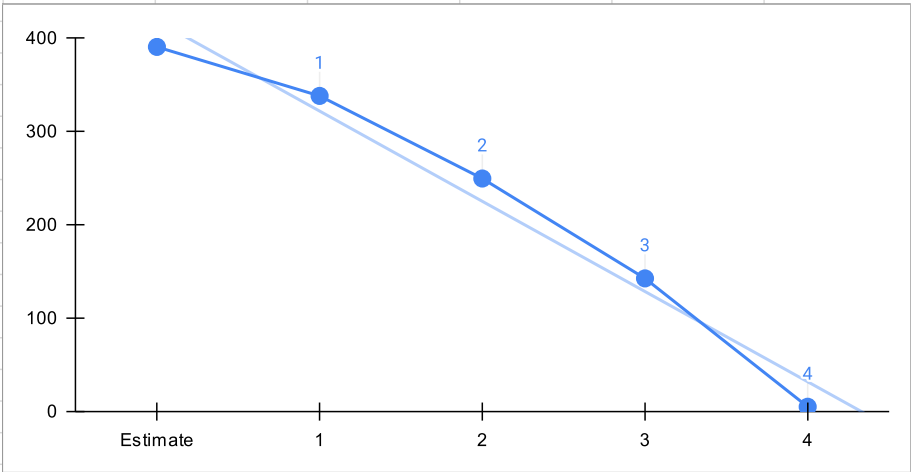
		SUM of	SUM of
C1	Ajout des dépendances Maven pour JavaFX et JFoenix dans le pom.xml	0.25	0.50
	Création d'un component pour le layout	0.50	1.00
	Création de la vue settings	1.00	0.50
	Création des contrôleurs pour chaque vue pour gérer les interactions avec l'utilisateur	1.00	0.50
	Création du fxml pour le SignIn view	1.00	2.00
	Création du fxml pour le SignUp view	1.00	2.00
	Création styles de base	1.00	2.00
	Création tables User et tests	1.00	1.00
	Création UserDatabase et tests	1.00	1.00
	Création vue profil	1.00	1.00
	Documentation Javadoc	0.50	1.00
	Génération dynamique d'éléments UI dans profil et settings	0.50	0.50
	Gestion des erreurs liées aux dépendances et aux conflits	0.25	1.00
	Implémentation algo hash et tests	1.00	1.50
	Implémentation de la logique d'authentification dans les contrôleurs en utilisant les API JavaFX et J	1.50	1.00
	Installation et configuration de JavaFX, Maven et Scene-Builder	1.00	1.00
	Intégration login/signup – profil/settings – deck view	1.00	1.50
	Liaison avec les vues login/sign up	0.50	1.00
	Liaison des vues d'authentification avec le modèle	1.50	2.50
	Liaisons avec les vues Login et Signup	0.50	0.50
	Mise en place classes principales	0.25	0.50
	Mise en place font custom	0.25	1.00
	Mise en place Maven back-end	1.50	4.00
	Mise en place Maven front-end	0.50	1.00
	Mise en place ORM lite	1.00	2.50
	Refactoring	0.50	0.50
	Style vue profil	1.00	2.00
	Style vue settings	1.00	1.00
C1 Total		23.00	35.50
C3	Création classe vue	2.00	3.00
	Création controller de la vue deck edit	2.50	3.00
	Création de tests pour les classes modèles	1.00	0.50
	Création des classes modèles	2.00	2.50
	Création vue Deck edit	1.50	2.50
	Documentation Javadoc	0.50	0.50
	Liaison avec la deck view	1.00	1.00
	Liaison entre les deux controllers de DeckView	1.50	1.00
	Refactor code pour lier la vue et le controlleur	1.50	2.00
	Refactor global	1.00	0.50
	Tests unitaires deck et card	0.50	0.50
C3 Total		15.00	17.00
Grand Total		**38.00**	**52.50**

| Iteration	1	Total		C1		C3	
Jour	J	Ideal	Reel	Ideal	Reel	Ideal	Reel
28/02/2023	0	38.0	52.5	23.0	35.5	15.0	17.0
01/03/2023	1	35.1	48.0	21.2	31.0	13.8	17.0
02/03/2023	2	32.2	35.0	19.5	21.0	12.7	14.0
03/03/2023	3	29.2	27.0	17.7	13.0	11.5	14.0
04/03/2023	4	26.3	23.0	15.9	9.0	10.4	14.0
05/03/2023	5	23.4	20.0	14.2	6.0	9.2	14.0
06/03/2023	6	20.5	16.0	12.4	6.0	8.1	10.0
07/03/2023	7	17.5	16.0	10.6	6.0	6.9	10.0
08/03/2023	8	14.6	14.0	8.8	6.0	5.8	8.0
09/03/2023	9	11.7	12.0	7.1	4.0	4.6	8.0
10/03/2023	10	8.8	7.0	5.3	1.0	3.5	6.0
11/03/2023	11	5.8	5.0	3.5	1.0	2.3	4.0
12/03/2023	12	2.9	1.0	1.8	0.0	1.2	1.0
13/03/2023	13	0.0	0.0	0.0	0.0	0.0	0.0
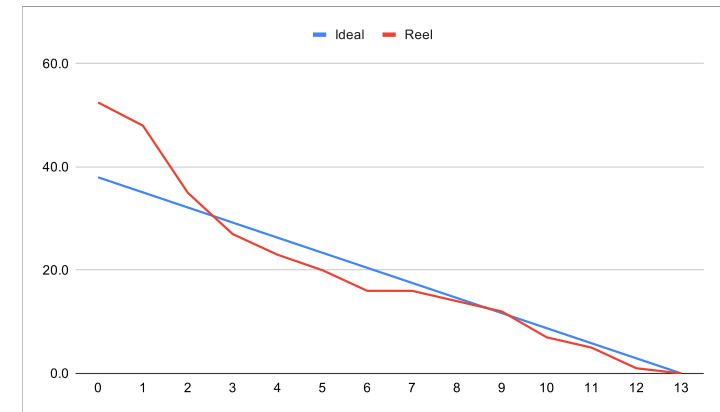
		SUM of	SUM of
C2	DB: Create Deck & Card model in database (CRUD)	2.0	10.0
	DB: Create interface between controller & database for managing decks & cards	2.0	3.0
	Deck List: Deck creation & deletion from the view	3.0	2.5
	Deck List: Filter deck by category/theme	4.0	3.5
	Deck List: Load decks from the database in the view	3.0	1.0
	DeckList (FXML): Delete button warning popup to delete deck & card	1.0	0.5
	DeckList (ProfileController): Pass deck ID from profile view to deckEdit view when pushing edit btn	2.0	1.0
	DeckList(FXML): Add scrolling in DeckList/Profile/settings view	1.5	1.0
	DeckList(FXML): text wrapping for DeckList/Profile view	1.0	1.0
	EditDeck (DeckEditController): Load fake deck cards dynamically in list	1.0	0.5
	EditDeck (FXML): Create deck list table	2.0	2.5
	EditDeck (FXML): Create global title and edit buttons	1.0	1.5
	EditDeck(DeckEditController) : Edit deck properties logic (title, category)	3.0	0.5
	EditDeck(DeckEditController): Delete button logic to delete question	2.0	0.5
	EditDeck(DeckEditController): Edit button logic to edit question and answer in popup	2.0	1.0
	EditDeck(docs): make docstrings and comments for all classes	2.0	2.5
	EditDeck(FXML): Add card popup	1.0	0.5
	EditDeck(FXML): add category in view	2.0	2.0
	EditDeck(FXML): Add scrolling in edit deck view	2.0	0.5
	EditDeck(FXML): Delete button to delete question	1.0	0.5
	EditDeck(FXML): Edit button popup to edit question and answer	2.0	2.0
	EditDeck(FXML): edit title and category popups	1.0	0.5
	EditDeck(FXML): make vboxes question/answer for cards	2.0	1.0
	EditDeck(FXML): warning popup before deleting card	0.5	0.0
	Fix(Database): Fixed issue in test caused by database, refactor database	3.0	2.5
	Fix(Database): Tables are created only when calling getInstance()	1.0	0.5
	Refactor(Database): Remove the perfomanceType entity (replace with simple integer)	0.5	0.5
C2 Total		48.5	43.0
C4	Study: Add text wrapping in Study view for answer & question	1.0	0.5
	Study: Load cards from database into Study view	4.0	4.5
	Study: Refactor the editDeck view into the static Study view (FlashCard view)	8.0	3.0
C4 Total		13.0	8.0
C6	Study Mode: Create a controller for "Review" Mode	4.0	4.0
	Study Mode: create a view for "Free" study mode	1.0	1.5
	Study Mode: Implement the "Free" study mode	8.0	4.0
	Study Mode: Implement the "Review" study mode	8.0	6.0
	Study Mode: Implements the tests	2.0	1.5
	Study Mode: Refactor Sutdy views and handle exceptions	4.0	4.0
C6 Total		27.0	21.0
D1	CI/CD: Create a CI/CD action to test, check format & build	5.0	3.5
D1 Total		5.0	3.5
D2	Refactor: Fix layout for the SignIn & SignUp view	3.0	1.0
	Refactor: Split the Profile & Settings Controller	1.0	2.0
	Refactor: Split the SignIn & SignUp controller	1.0	1.0
D2 Total		5.0	4.0
D3	Tracking: Burndown Chart	1.0	1.0
	Tracking: task excel on google sheets	1.0	1.0
D3 Total		2.0	2.0
D4	Docs: refaire le README.md	0.5	0.5
D4 Total		0.5	0.5
D5	Feat: Add params in navigation	1.5	1.5
	Refactor: navigation manager design	1.0	1.0
	Refactor: navigation manager implementation	1.0	1.0
D5 Total		3.5	3.5
D6	Refactor: handling all runtime errors in code; replace signature errors in try/catch blocks	2.0	3.0
D6 Total		2.0	3.0
Grand Total		106.5	88.5

Iteration	2	Total		C2		C4		C6		D1		D2		D3		D4		D5		D6	
Jour	J	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel
14/03/2023	0	106.5	88.5	48.5	43	13.0	8	27.0	21	5.0	3.5	5.0	4	2.0	2	0.5	0.5	3.5	3.5	2.0	3
15/03/2023	1	98.3	88.5	44.8	43	12.0	8	24.9	21	4.6	3.5	4.6	4	1.8	2	0.5	0.5	3.2	3.5	1.8	3
16/03/2023	2	90.1	84.5	41.0	41	11.0	8	22.8	21	4.2	3.5	4.2	4	1.7	0	0.4	0.5	3.0	3.5	1.7	3
17/03/2023	3	81.9	79.5	37.3	40.5	10.0	8	20.8	21	3.8	3.5	3.8	0	1.5	0	0.4	0	2.7	3.5	1.5	3
18/03/2023	4	73.7	79.5	33.6	40.5	9.0	8	18.7	21	3.5	3.5	3.5	0	1.4	0	0.3	0	2.4	3.5	1.4	3
19/03/2023	5	65.5	64	29.8	33	8.0	6	16.6	15	3.1	3.5	3.1	0	1.2	0	0.3	0	2.2	3.5	1.2	3
27/03/2023	6	57.3	49.5	26.1	25.5	7.0	5	14.5	11	2.7	3.5	2.7	0	1.1	0	0.3	0	1.9	1.5	1.1	3
28/03/2023	7	49.2	49.5	22.4	25.5	6.0	5	12.5	11	2.3	3.5	2.3	0	0.9	0	0.2	0	1.6	1.5	0.9	3
29/03/2023	8	41.0	48	18.7	25.5	5.0	5	10.4	9.5	1.9	3.5	1.9	0	0.8	0	0.2	0	1.3	1.5	0.8	3
30/03/2023	9	32.8	44.5	14.9	22	4.0	5	8.3	9.5	1.5	3.5	1.5	0	0.6	0	0.2	0	1.1	1.5	0.6	3
31/03/2023	10	24.6	43	11.2	20.5	3.0	5	6.2	9.5	1.2	3.5	1.2	0	0.5	0	0.1	0	0.8	1.5	0.5	3
01/04/2023	11	16.4	43	7.5	20.5	2.0	5	4.2	9.5	0.8	3.5	0.8	0	0.3	0	0.1	0	0.5	1.5	0.3	3
02/04/2023	12	8.2	34.5	3.7	12	1.0	5	2.1	9.5	0.4	3.5	0.4	0	0.2	0	0.0	0	0.3	1.5	0.2	3
17/04/2023	13	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
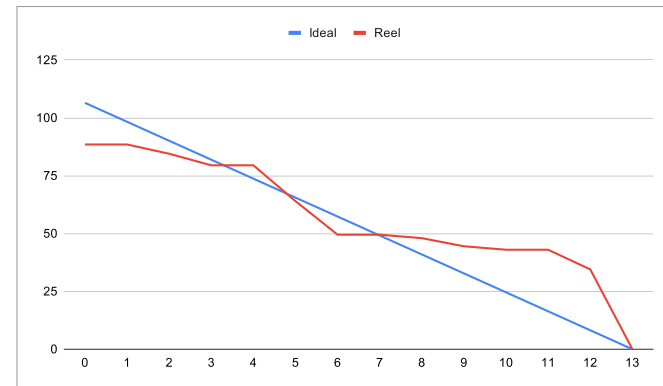
		SUM of	SUM of
C10	API Client bug fixes	4.00	3.0
	Client: Refactor services (Call HTTP API)	3.0	6.0
	Client: Refactor services (Call HTTP API) with swapped pilot-copilot	4.0	5.0
	Finish api (tests + security)	3.00	0.0
	Finish setting up docker and django	2.00	2.5
	fix tags in UI + refactor	2.00	4.0
	Refactor services	2.00	3.0
	Server tags deletion	1.00	3.0
	Server: Add API for Sign Up (create an account) + edit password	2.00	1.0
	Server: Bug fixes and tags server side	2.00	2.0
	Server: Deployment (on Cloud) + DNS	3.0	4.5
	Server: Generate Swagger docs	2.0	2.0
	Server: ORM Models in Django + Admin Interface	3.0	3.0
	Server: Serializers and Deserializers (JSON)	3.0	1.0
	Server: Setup Django App with Docker Compose (Initial Setup) + Architecture	4.0	3.0
C10 Total		40.0	43.0
C15	Export/Import: Rewrite tests	1.0	1.0
	Export/import: Serialize/Deserialize deck (JSON) and export to file (or create deck)	6.0	5.5
	FXML: Add dropdown buttons on the UI to Export/Import JSON on the ProfileView + File Browser + PDF	3.0	2.0
C15 Total		10.0	8.5
C16	FXML: Add buttons on the UI to download PDF (Add option in Export ?)	3.0	0.5
	PDF: Add logic to download PDF	5.0	2.0
	PDF: Add popup when a deck is downloaded	0.5	0.5
	PDF: format A6 for cards	2.0	3.0
	PDF: Format PDF	2.0	1.0
C16 Total		12.5	7.0
C17	Client: Parse HTML	5.0	2.0
	Client: Parse LaTeX	5.0	1.0
	Django DB: Add question type and answer type to database	3.0	3.0
	FXML + Client + Refactor: Refactor HTML, LaTeX, plain text into learning mode	1.50	1.0
	FXML + Client: Add HTMLView in editDeck	3.00	5.0
	FXML + Client: Add latexView in editDeck	3.00	3.0
	FXML + Client: Add latexView in learningMode	2.00	1.5
	FXML: Create a radio button when inputting card to let the user decide what kind of input he wants	2.0	1.5
	FXML:: Create a webView when studying HTML	3.0	2.5
	Refactor + client + server: Make card use card type and not be statically bound	1.50	2.0
C17 Total		29.00	22.5
D7	Bug: fix the json deck exporter file chooser not working properly	1.00	1.0
	ci: refactor CI/CD + build Django docker image	2.00	2.0
	CreateCard: add length limit to size of question and answer (e.g. max 250 chars per question or per answe	2.00	2.5
	FXML: Empty EditCardView : Question/Answer is empty	CreateDeck : Deckname/Tag is empty--> Add Po	1.0	0.0
	FXML: Popups should be styled the same as the rest of the application	4.0	3.0
	MVC: Refactor the view controllers and controllers to respect the MVC patterns	3.0	4.0
	Refactor + FXML + Client: Fix Review Mode	2.00	1.5
	Refactor error handling	2.00	2.0
	Refactor: fix refresh list when adding new decks with unknown tag	2.0	1.5
	Refactor: Manage the navigation in a different way (controller should choose to change view!)	3.0	2.5
	Refactor: Profile view add deck mth	1.00	1.0
	Service: Create a UserService with DTOs + Refactor	3.0	5.0
D7 Total		26.0	26.0
Grand Total		**117.5**	**107.0**

Iteration	3	Total		C10		C15		C16		C17		D7	
Jour	J	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel
18/04/2023	0	117.5	102	40.0	42	10.0	8.5	12.5	7	29.0	22.5	26.0	22
19/04/2023	1	108.5	98	36.9	39	9.2	8.5	11.5	7	26.8	22.5	24.0	21
20/04/2023	2	99.4	94.5	33.8	39	8.5	7	10.6	7	24.5	22.5	22.0	19
21/04/2023	3	90.4	91.5	30.8	36	7.7	7	9.6	7	22.3	22.5	20.0	19
22/04/2023	4	81.3	90.5	27.7	35	6.9	7	8.7	7	20.1	22.5	18.0	19
23/04/2023	5	72.3	88	24.6	35	6.2	7	7.7	4.5	17.8	22.5	16.0	19
24/04/2023	6	63.3	82.5	21.5	32.5	5.4	7	6.7	3	15.6	21.5	14.0	18.5
25/04/2023	7	54.2	75	18.5	30.5	4.6	5.5	5.8	3	13.4	18	12.0	18
26/04/2023	8	45.2	68	15.4	28.5	3.8	5.5	4.8	3	11.2	18	10.0	13
27/04/2023	9	36.2	59	12.3	25.5	3.1	5.5	3.8	3	8.9	13	8.0	12
28/04/2023	10	27.1	36.5	9.2	14.5	2.3	5.5	2.9	0	6.7	4.5	6.0	12
29/04/2023	11	18.1	30	6.2	10	1.5	3.5	1.9	0	4.5	4.5	4.0	12
30/04/2023	12	9.0	17.5	3.1	2	0.8	1.5	1.0	0	2.2	4.5	2.0	9.5
01/05/2023	13	0.0	2.5	0.0	0	0.0	0	0.0	0	0.0	2.5	0.0	0
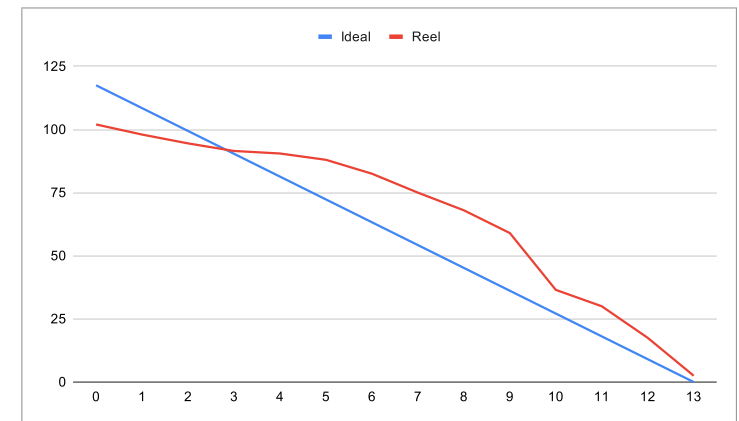
		SUM of	SUM of
C11	Database: Review Database model for the store + API	3.00	3.5
	FXML: add carousel for most popular decks	5.00	5.0
	FXML: Add View for store + ViewController	6.00	5.0
	FXML: show all decks on the store	4.00	1.5
	ProfileView: popup to confirm sharing the deck	0.00	0.0
	StoreDeckService : share deck api call	2.00	0.5
	StoreDeckService: api call for popular and all decks	3.00	1.5
	StoreDeckService: download storedeck api call	2.00	0.5
	StoreDeckService: search for deck in catalog	2.00	1.0
	StoreDeckView: popup to confirm that the deck has been downloaded	0.00	0.0
C11 Total		27.00	18.5
C14	FXML: Add button with Speaker Icon in learning modes	1.00	1.0
	FXML: Add logic to dictate answer OR question in Controller	1.50	2.0
C14 Total		2.50	3.0
C8	FXML: Handle different card type in all learning mode	8.00	11.0
	FXML: Question Type and Answer Type should be in the card dialog	5.00	3.5
	Model: Handle different card type in Cards	2.00	1.5
C8 Total		15.00	16.0
C9	Database: Model for statistics + Django API	6.00	9.0
	FXML: Add menu for GLOBAL stats (between Home and Settings)	6.00	21.0
	Service: Create a Service for the Statistics API	5.00	7.0
C9 Total		17.00	37.0
D8	Cache: Cache decks and make it not make it a request everytime	3.00	2.5
	Code: General code refactor	2.00	2.0
	Demo	1.00	1.5
	DP: Use the Visitor Design Pattern to handle different modes	2.00	1.0
	Feature: progress indicator for API calls	5.00	5.0
	Fix old Jar files	0.50	0.5
	Fix: Fix issue in import/export	0.50	0.5
	FXML + Client: Make user not go to review mode if deck is empty	0.50	0.5
	FXML: Add help button in modes and edit card dialog to show how to format questions	4.00	4.0
	handle cloze based text card on edit Deck view	2.00	2.0
	Javadoc	4.00	4.0
	Learning Mode: check all learning views and controllers (add docstrings, remove fixme, remove co	2.00	2.5
	PDF: Make PDF download choose location to save	0.50	1.0
	Refactor: Add method for TextInputDialog	1.00	0.5
	Refactor: Add method in AbstractViewController to open FileBrowser	0.50	0.5
	Refactor: Create custom component for Card in EditDeckViewController	1.50	2.5
	Refactor: Create custom component for Deck in ProfileDeckViewController	2.00	0.5
	Refactor: Create custom component for Deck in StoreDeckViewController - Populars	1.00	2.5
	Refactor: Create custom component for Deck in StoreDeckViewController - Spotlight	2.00	1.0
	Refactor: Create different card components for edit and learning code + refactor code out of models	4.00	0.0
	Refactor: D8-024 with different pilots	3.00	3.5
	Refactor: EditCardDialog	4.00	4.0
	Refactor: Fix issues with Docker + add persistent volume for Postgres Database	1.00	0.5
	Refactor: Remove calculation logic outside of model	2.50	1.5
	Refactor: Remove card and replace it with abstract card and replace instantiation in services with p	5.00	7.5
	Refactor: Use SonarLint to refactor code	2.00	2.5
	Test parsers	2.00	2.0
	Tests: tests for userService	1.00	1.5
	Tests: Configure Mockito + tests for tagService	1.00	1.5
	Tests: tests model for all modes	1.00	2.0
	Tests: Write/Update Tests for existing services	4.00	0.0
	Text to speech: remove static methods	0.50	1.0
	Thread: Make PDF use a thread to not block the execution of the app	1.00	1.0
D8 Total		67.00	63.0
Grand Total		**128.50**	**137.5**

Iteration	4	Total		C8		C9		C11		C14		D8	
Jour	J	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel	Ideal	Reel
02/05/2023	0	128.5	138	15.0	16	17.0	37	27.0	18.5	2.5	3	67.0	63.5
03/05/2023	1	122.1	138	14.3	16	16.2	37	25.7	18.5	2.4	3	63.7	63.5
04/05/2023	2	115.7	138	13.5	16	15.3	37	24.3	18.5	2.3	3	60.3	63.5
05/05/2023	3	109.2	138	12.8	16	14.5	37	23.0	18.5	2.1	3	57.0	63.5
06/05/2023	4	102.8	135	12.0	16	13.6	37	21.6	16	2.0	3	53.6	63
07/05/2023	5	96.4	130	11.3	14	12.8	36	20.3	14	1.9	3	50.3	63
08/05/2023	6	90.0	119	10.5	12	11.9	28.5	18.9	12.5	1.8	3	46.9	63
09/05/2023	7	83.5	113	9.8	12	11.1	24	17.6	11	1.6	3	43.6	63
10/05/2023	8	77.1	83	9.0	3.5	10.2	16	16.2	3.5	1.5	1	40.2	59
11/05/2023	9	70.7	72	8.3	0	9.4	16	14.9	1	1.4	0	36.9	55
12/05/2023	10	64.3	58.5	7.5	0	8.5	10	13.5	0	1.3	0	33.5	48.5
13/05/2023	11	57.8	49	6.8	0	7.7	2	12.2	0	1.1	0	30.2	47
14/05/2023	12	51.4	42.5	6.0	0	6.8	2	10.8	0	1.0	0	26.8	40.5
15/05/2023	13	45.0	36	5.3	0	6.0	2	9.5	0	0.9	0	23.5	34
16/05/2023	14	38.6	29.5	4.5	0	5.1	0	8.1	0	0.8	0	20.1	29.5
17/05/2023	15	32.1	29.5	3.8	0	4.3	0	6.8	0	0.6	0	16.8	29.5
18/05/2023	16	25.7	26.5	3.0	0	3.4	0	5.4	0	0.5	0	13.4	26.5
19/05/2023	17	19.3	25	2.3	0	2.6	0	4.1	0	0.4	0	10.1	25
20/05/2023	18	12.9	22	1.5	0	1.7	0	2.7	0	0.3	0	6.7	22
21/05/2023	19	6.4	13.5	0.7	0	0.8	0	1.4	0	0.1	0	3.4	13.5
22/05/2023	20	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0