BearGo
(Trello, Gantt Chart,
and Burndown Chart)

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Aug 23, 2022

Gantt Chart

BearGo

Project manager
Project dates   Aug 26, 2022 - Dec 6, 2022

Completion   0%
Tasks   27
Resources   5

BearGo is the platform for the travelers who willingly delivers any products for someone who wants to ship products.
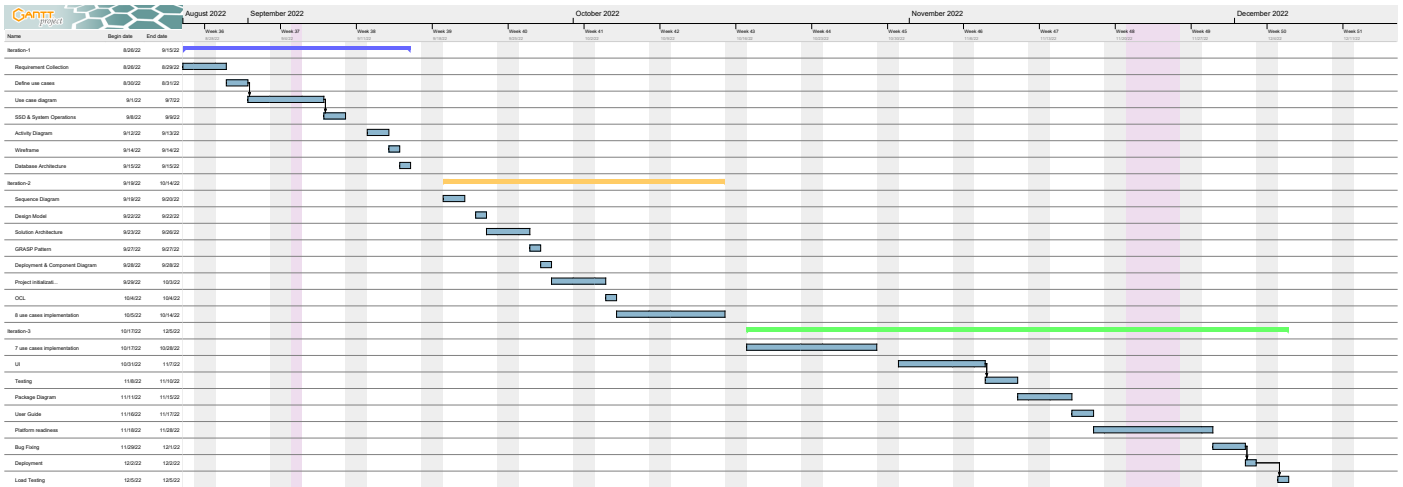
Tasks

Name	Begin date	End date
Iteration-1	8/26/22	9/15/22
Requirement Collection	8/26/22	8/29/22
Define use cases	8/30/22	8/31/22
Use case diagram	9/1/22	9/7/22
SSD & System Operations	9/8/22	9/9/22
Activity Diagram	9/12/22	9/13/22
Wireframe	9/14/22	9/14/22
Database Architecture	9/15/22	9/15/22
Iteration-2	9/19/22	10/14/22
Sequence Diagram	9/19/22	9/20/22
Design Model	9/22/22	9/22/22
Solution Architecture	9/23/22	9/26/22
GRASP Pattern	9/27/22	9/27/22
Deployment & Component Diagram	9/28/22	9/28/22
Project initialization: CRUD Rest API	9/29/22	10/3/22
OCL	10/4/22	10/4/22
8 use cases implementation	10/5/22	10/14/22
Iteration-3	10/17/22	12/5/22
7 use cases implementation	10/17/22	10/28/22
UI	10/31/22	11/7/22
Testing	11/8/22	11/10/22
Package Diagram	11/11/22	11/15/22
User Guide	11/16/22	11/17/22
Platform readiness	11/18/22	11/28/22
Bug Fixing	11/29/22	12/1/22
Deployment	12/2/22	12/2/22
Load Testing	12/5/22	12/5/22

Resources

Name	Default role
Agm Islam	Tester
Tonni Das Jui	Analyst
Swapnil Saha	Developer
Maisha Binte Rashid	Developer
Razwan Ahmed Tanvir	Team Lead

Gantt Chart

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Resources Chart

Trello

Product Backlog

Iteration 1: Designing system operations with operation contracts, and wireframes

👁 🕐 Aug 26 - Sep 15   Highest

A M R S T

Iteration 1: Identify entities and create class diagram / Domain model (10)

👁 🕐 Sep 5 - Sep 9   Highest

A M R S T

Iteration 2: Designing Sequence diagram

🕐 Sep 19 - Oct 14   High

Iteration 2: Design deployment diagram

🕐 Sep 19 - Oct 14   High

Iteration 2: Design component diagram

🕐 Sep 19 - Oct 14   High

Iteration 2: Demo with CRUD REST API

🕐 Sep 19 - Oct 14   High

Iteration 2: Identify GRASP patterns

🕐 Sep 19 - Oct 14   High

Iteration 2: Writing OCL

🕐 Sep 19 - Oct 14   High

Iteration 3: Implement testing and logging

🕐 Oct 17 - Dec 5   Medium

Iteration 3: Design package diagram

🕐 Oct 17 - Dec 5   Medium

Iteration 3: (UI) User profile detail Page

🕐 Oct 17 - Dec 5   Medium   **T**

Iteration 3: (UI) Screen Landing Page

🕐 Oct 17 - Dec 5   Medium   **M**

Iteration 3: (UI) Registration/Login Page

👁 🕐 Oct 17 - Dec 5   Medium   **S**

Iteration 3: (UI) Tour Blog Page

🕐 Oct 17 - Dec 5   Medium   **R**

Iteration 3: (UI) Feed Page

🕐 Oct 17 - Dec 5   Medium   **A**

Iteration 3: Write user guide and documentation

🕐 Oct 17 - Dec 5   Medium

Non-basic Use Cases

Report collection: Collect information against a post if more than four users have reported it and send a notification to the admin for reviewing of the post in case it needs to be removed.

T

Product Tracking: Traveller will update the status of different stages of the product delivery. The sender will finally confirm if product is delivered.

T

Report of User: Admin will be able to see any user's activity on a monthly or half yearly or yearly basis.

T

User Feed Post: Product info posting (routing info, pick up location & travel time) in application feed to find a shipper.

R

Feed post interaction: Comment section under sender's post

R

Registered users can upload their travel stories as blogs in Travel Bogging option.

R

Users can search other senders' posts based on different filters such as - date, location, name.

M

Our system will display tweets from people posting anything about our system or the service.

M

Invoice: Once Sender and Traveler agrees on the shipping, system will generate an invoice

A

Post Moderation: Admin will decide to remove/keep the post if the post is reported by the users.

A

Notification: real time web push notification and email notification. Notification will be triggered on different events like: agreement signed, product delivered.

A

Review and Rating: When a product will be delivered, the traveler will change the product's tracking info to 'Delivered'. Then a sender will see an option there to post a review and rating (1 to 5).

👁 **S**

Peer-to-peer chat: Any traveler/sender can contact to any particular sender/traveler to discuss the product details or any other travel information.

👁 **S**

Social Media Share: A sender can share his/her post on social media.

👁 **S**

Those who post about sending products, they can also update the post. Senders can change date, route, pickup location. But once an invoice has made or the delivery has passed then sender can not update the post anymore.

M

Current Sprint Backlog

Iteration 1: Requirement collection (6)

👁 🕐 Aug 22 - Sep 2   Highest

Ⓐ Ⓜ Ⓡ Ⓢ Ⓣ

Iteration 1: Use cases with business constraints (3)

👁 🕐 Aug 22 - Sep 2   Highest

Ⓐ Ⓜ Ⓡ Ⓢ Ⓣ

Iteration 1: Designing system sequence diagram (SSD) (4)

🔔 1   👁 🕐 Aug 22 - Sep 2   Highest

Ⓐ Ⓜ Ⓡ Ⓢ Ⓣ

Iteration 1: Designing Activity and use case diagram (3)

🔔 1   👁 🕐 Aug 22 - Sep 2   Highest

Ⓐ Ⓜ Ⓡ Ⓢ Ⓣ

Iteration 1: Deciding frameworks (backend and frontend) and create a skeleton project (6)

🔔 1   👁 🕐 Aug 22 - Sep 2   Highest

Ⓐ Ⓜ Ⓡ Ⓢ Ⓣ

In Progress

Create Github repository (1)

🕐 Aug 22 - Sep 2   Critical   Ⓣ

Create Github Issues (3)

👁 🕐 Aug 22 - Sep 2   Critical

Ⓐ Ⓜ Ⓡ Ⓢ Ⓣ

Done

Prepare Gantt Chart (5)

👁 🕐 Aug 22 - Aug 28   Critical

A M R S T

Complete task assignment in Trello for current sprint to team members (5)

🕐 Aug 22 - Aug 28   Critical   **A**

Identifying the timeline for each iteration (3)

👁 🕐 Aug 22 - Aug 28   Critical

A M R S T
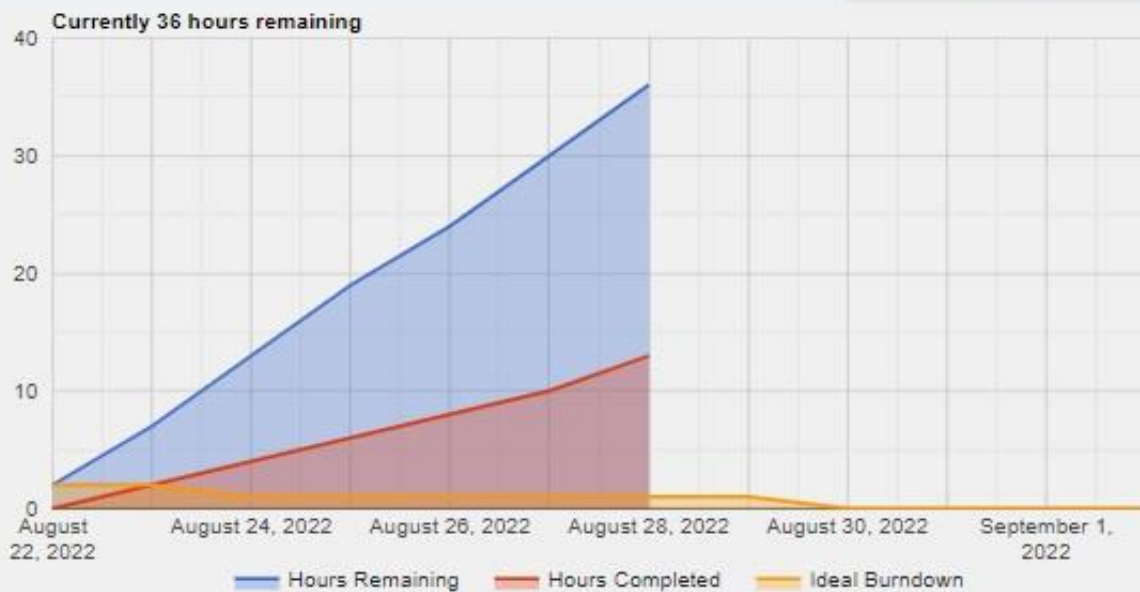
Burndown Chart

Charts - BearGo workspace

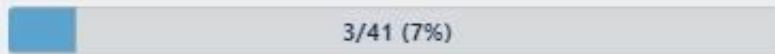**Settings**

Edit Chart Data

Share

Viewing **Burndown Chart** ▾

Currently 36 hours remaining

Legend:
— Hours Remaining — Hours Completed — Ideal Burndown

Cards Completed: 3/41 (7%)

Hours Completed: 13/49 (27%)
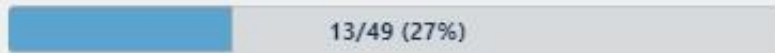
Days Worked: 5/9 (56%)
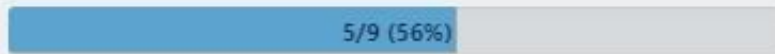
Average Daily Burndown
2.6 Hours

Estimated Completion Date
Sep 17, 2022