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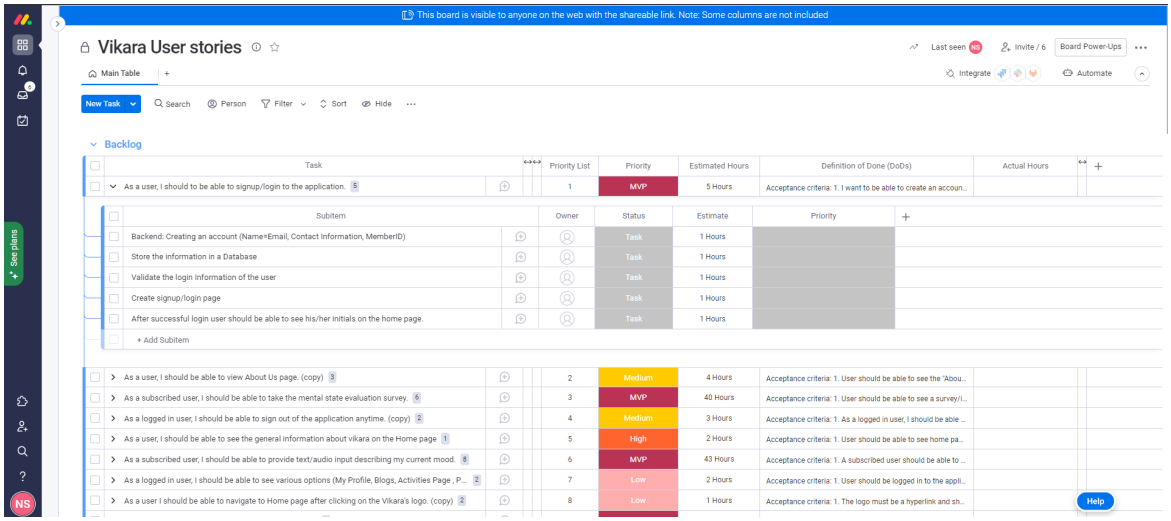
1. Demo

Link to our demo video: https://github.com/neha-surana/Vikara/wiki/Sprint-1-Demo

2. Collaboration space

We have been using Monday.com for our agile project management. It is a cloud-based platform that allows us to easily perform and update all our agile ceremonies while allowing all our team members to work and update tasks on the platform simultaneously. In addition to its support for a wide range of use cases, the software is loaded with a number of useful functionality. It comes with collaboration features, timeline views, calendar views, time tracking features, and supports dozens of integrations. It also makes our progress tracking easier and we can complete each task with ease while tracking our progress regularly.



3. Scrum

- **Sprint 1 backlog**

Sprint 1

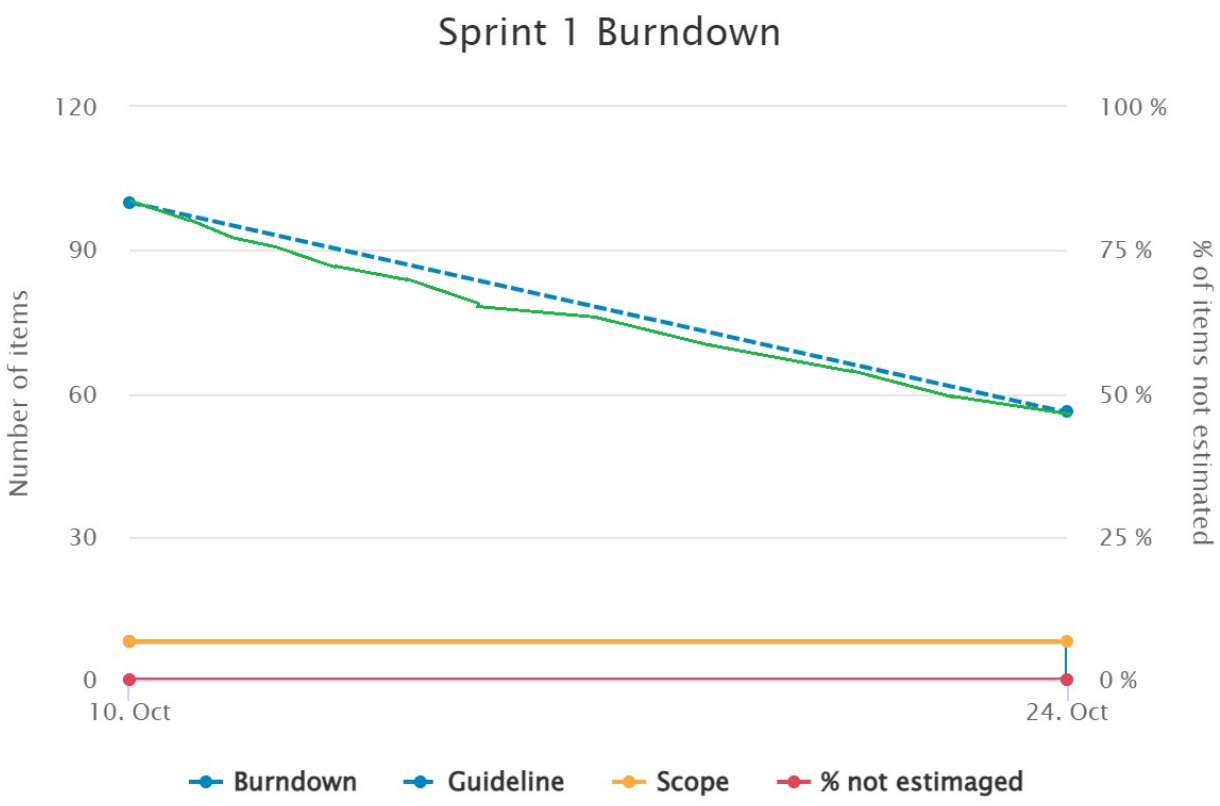
Task	Person	Status
As a user, I should to be able to signup/login to the application 5		New
As a user, I should be able to view About Us page. 3		Done
As a logged in user, I should be able to see various options (My Profile, Blogs, Activities Page , P... 1		Done
As a subscribed user, I should be able to take the mental state evaluation survey. 6		Done
As a subscribed user, I should be able to provide text/audio input describing my curr... 8 Open		New
As a logged in user, I should be able to sign out of the application anytime. 2		Done
As a user, I should be able to see the general information about vikara on the Home page. 1		Done
As a user I should be able to navigate to Home page after clicking on the Vikara's logo. 2		Done

- **Updated Sprint 1 backlog.**

Sprint 1

Task	Person	Status
As a user, I should to be able to signup/login to the application 3		Done
As a user, I should be able to view About Us page. 3		Done
As a logged in user, I should be able to see various options (My Profile, Blogs, Activities Page , P... 1		Done
As a subscribed user, I should be able to take the mental state evaluation survey. 6		Done
As a subscribed user, I should be able to provide text/audio input describing my current mood s... 1		Done
As a logged in user, I should be able to sign out of the application anytime. 2		Done
As a user, I should be able to see the general information about vikara on the Home page. 1		Done
As a user I should be able to navigate to Home page after clicking on the Vikara's logo. 2		Done
+ Add Task		

- **Sprint 1 burndown chart**



- **Sprint retrospective**

We were able to successfully complete most of our user stories that we had decided upon for our sprint 1. Only the Text/Audio input feature was dependent on the integration of our ML model to the backend of our project hence this is something that we are looking at, and have moved it to the next sprint. We have moved our guest user functionality from sprint 3 to sprint 1 since we thought it makes more sense for the control flow in our project.

What went well:

Taking ownership of tasks by identifying individual skill sets so that everyone can contribute optimally to this project. We were able to work parallely on the task by following this approach and this helped in completing most of the planned user stories for this sprint. A proper communication plan was followed by setting up weekly meetings which helped us to keep up with the pace for Sprint1 progress.

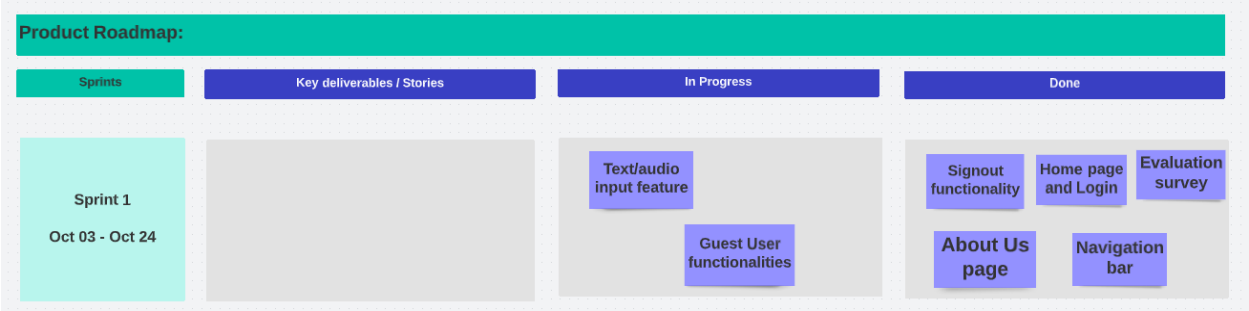
What didn't work and Why? -

Integration of our Python based ML model with our Java project is something that we are still working on hence we could not complete the text/audio feature of our project yet. It was also

difficult to come up with a solution right away due to the lack of our knowledge in cross language project integration.

What could be improved -

We would like to work on our team's collaboration and time management skills so that we can work more efficiently in the upcoming sprints.



- **Product backlog (updated)**

The Sprint retrospective provides an opportunity to update your product backlog to account for these additions instructions. Review your initial user stories. List any new user stories you identified during the sprint, as well as any user stories you no longer plan to implement, and why you no longer plan to implement them.

Backlog

Task	Person	Status	Priority List	Priority	Estimated Hours
As a user, I should to be able to signup/login to the application. 5		Done	1	MVP	5 Hours
As a user, I should be able to view About Us page. (copy) 3		Done	2	Medium	4 Hours
As a subscribed user, I should be able to take the mental state evaluation survey. 6		Done	3	MVP	40 Hours
As a logged in user, I should be able to sign out of the application anytime. (copy) 2		Done	4	Medium	3 Hours
As a user, I should be able to see the general information about vikara on the Home page 1		Done	5	High	2 Hours
As a subscribed user, I should be able to provide text/audio input describing my current mood. 8		Working on it	6	MVP	46 Hours
As a logged in user, I should be able to see various options (My Profile, Blogs, Activities Page , P... 2		Done	7	Low	2 Hours
As a user I should be able to navigate to Home page after clicking on the Vikara's logo. (copy) 2		Done	8	Low	1 Hours

- **Issue Tracking**

Sprint 1

Task	Priority List	Priority
As a user, I should to be able to signup/login to the application 5	1	MVP

Subitem	Owner	Status
Backend: Creating an account (Name=Email, Contact Information, MemberID)	HV	Done
Store the information in a Database	PS	Done
Validate the login Information of the user	NS	In- Progress
Create signup/login page	NS	Done
After successful login user should be able to see his/her initials on the home page.	DB	In- Progress
+ Add Subitem		

Task	Priority List	Priority
As a user, I should be able to view About Us page. 3	2	High

Subitem	Owner	Status
Frontend: Create a "About Us" page.	PS	Done
Frontend: "About Us" should be made available on all the pages.	NS	Done
Frontend: The "About Us" page should contain all the information about services of Vikara and its obj...	DB	Done
+ Add Subitem		

Task	Priority List	Priority
As a logged in user, I should be able to see various options (My Profile, Blogs, Activities Page , P... 1	3	High

Subitem	Owner	Status
Frontend: Enable more options for logged in user	NS	Done

Task	Priority List	Priority
As a subscribed user, I should be able to take the mental state evaluation survey. 6	4	High

Subitem	Owner	Status
Frontend: Create a survey/questionnaire to be filled by the user.	DB	Done
ML: Gather dataset with parameters that will be used as the survey fields	S	Done
ML: Perform basic EDA to understand the data	S	Done
ML: Clean the data, remove nulls, duplicates, ensure consistency and get the data ready to use	S	Done
ML: Decide on the predictive models to use	S	Done
ML: Train the model and perform tuning	S	Done
+ Add Subitem		

Task	Priority List	Priority
As a subscribed user, I should be able to provide text/audio input describing my current mood s... 8	5	Medium

Subitem	Owner	Status
Frontend: Create a audio/text feature that can be used by the user to either type in or give the audio in...	DB	Done
Frontend: Populate their response on the screen for them to review.	DB	In- Progress
Frontend: Pop an alert incase of insufficient input/data.	NS	In- Progress
Frontend: Populate the recommendations for the user as per the possible mental condition detected ...	PS	To-Do
ML: Dataset - Scrape data from online forums (twitter/reddit) with mental illness specific hashtags	S	To-Do
ML: Clean the data to remove html tags, numbers, emojis, abbreviate, etc	S	To-Do
ML: Choose on the features, classification model to use (this is a multilabel classification problem)	S	To-Do

Sprint 1

Task	Priority List	Priority
ML: Train and tune the model to ensure optimal performance	S	To-Do
+ Add Subitem		
As a logged in user, I should be able to sign out of the application anytime. 2	6	Medium
Subitem	**Owner**	**Status**
Frontend: The sign out button should be accessible from all the pages of Vikara.	DB	Done
Backend: Implement signout functionality	DB	Done
+ Add Subitem		
As a user, I should be able to see the general information about vikara on the Home page. 1	7	Medium
Subitem	**Owner**	**Status**
Frontend: Showcase vital information such as Vikara's feaures and vital use case on the Home Page f...	NS	Done
+ Add Subitem		
As a user I should be able to navigate to Home page after clicking on the Vikara's logo. 2	8	Low
Subitem	**Owner**	**Status**
Frontend: Make the logo clickable and must be able to navigate the user to the home page.	NS	Done
Frontend: Vikara Logo should be visible on all pages	NS	Done
+ Add Subitem		

- **Sprint 2 backlog**

Last 3 issues/stories are the backlogs, from sprint 1 that have been moved to sprint 2.We had to break stories from sprint 1 to create these new stories to accommodate all the tasks remaining in sprint 1.

Sprint 2

Task	Person	Status	Priority List	Priority	Estimated Hours
As a guest user, I should be able to see various options (Log In/SignUp, Nearby Therapist, etc.) i... 1		New	1	High	1 Hours
As a guest user, I should be able to access helpline numbers. 3		New	2	High	8 Hours
As a user I should be able to purchase products and pay for it using paypal 3		New	3	Medium	13 Hours
As a subscribed user, I should be able to view my previous purchases on Vikara. 2		New	4	Medium	12 Hours
As a subscribed user, I should be able to view nearby therapy centers. 2 Open		New	5	Medium	6 Hours
As a user, I should be able to shop on Vikara. 3		New	6	Medium	15 Hours
As a user, I should be able to search for products that I want to buy on Vikara. 3		New	7	Medium	10 Hours
As a user, I should be able to filter the products based on their price, location etc. 2		New	8	Medium	5 Hours
As a user, I should be able to add or remove items from the cart. 3		New	9	Medium	10 Hours
As a user, I should be able to see a "Clear All" option in the cart so that I can remove all the item... 1		New	10	Low	2 Hours
As a subscribed user, I should be able to browse and book nearby events. 3		New	11	Low	12 Hours
As a subscribed user I should be able to book events and pay for it using using paypal 3		New	12	Low	6 Hours
As an application owner I want to validate the user's login information. 2		New	13	MVP	2 Hours
As an application owner I want to train the ML model to scrape data from survey forms and gen... 5		New	14	MVP	39 Hours
As a user, I want to be able to see my thoughts provided as text/audio input to be displayed on t... 2		New	15	MVP	2 Hours