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# Team: Firebolt

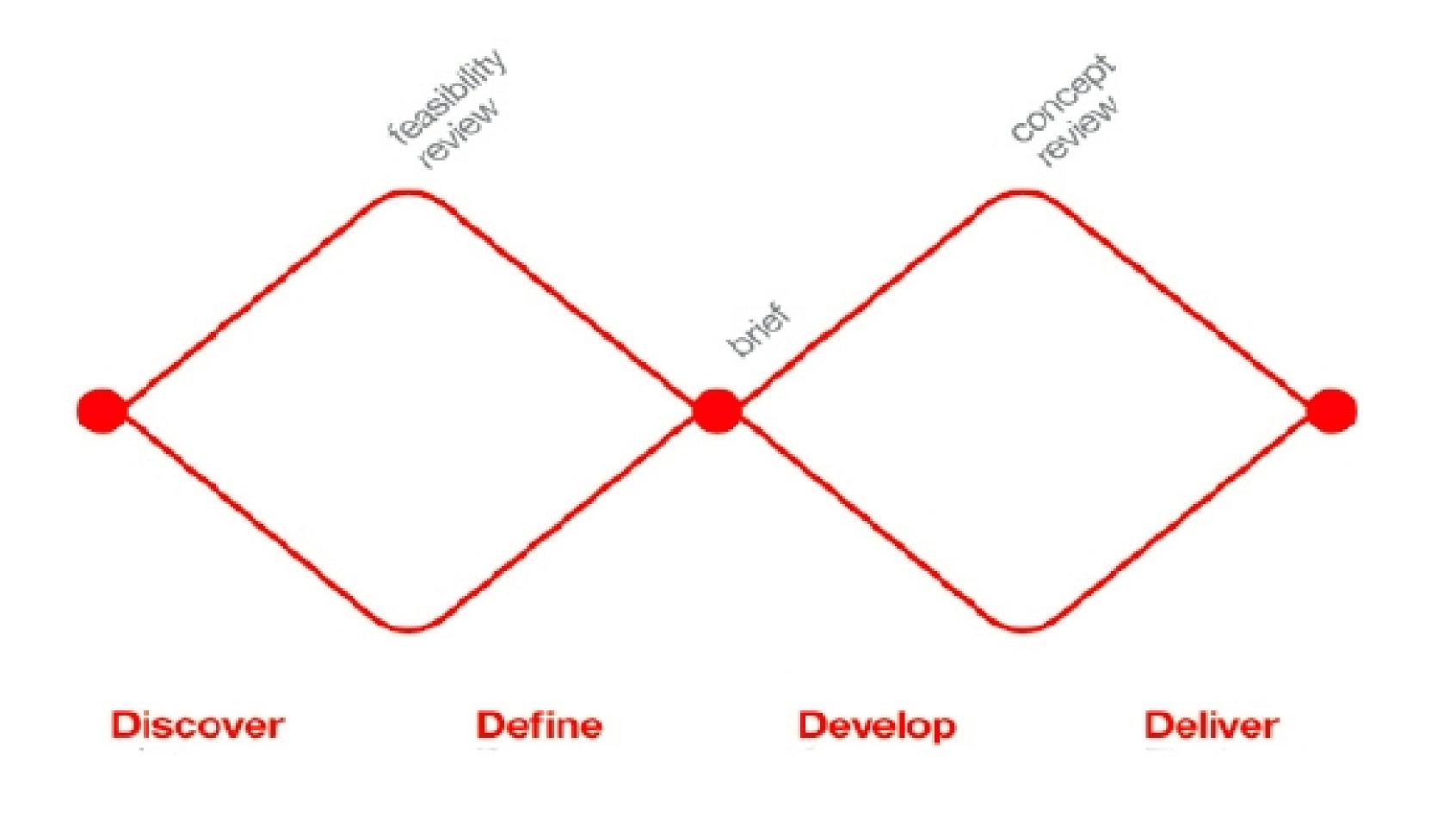


Sakshi Meena



Mrunali Ogriwala





If you are a Potterhead like three of us... This is our Marauders Map ;-P

#### HOPE

To cherish a desire with anticipation; To desire with expectation of obtainment or fulfillment;

#### RESILEINCE

The ability to withstand adversity and bounce back from difficult life events; The <u>ability</u> of a <u>substance</u> to <u>return</u> to <u>its usual shape</u> after being <u>bent</u>, <u>stretched</u>, or <u>pressed</u>

#### INSPIRATION someone or something that gives you <u>ideas</u> for doing something;

## Design goals

Address Concerns/needs/d esires of people concerning learning address how this learning can help in adapting

Things to keep in mind

Highlight what you are trying to address with intended solution

process should indicate the considerations we take into account should build resilience among the target audience.

# PHASE 1: Understanding the brief and the challenge space

We began by understanding the brief in detail and key points to keep in mind while going forward with the challenge.

This is where we try to answer questions like: How to define learning? Who is being affected? What contributes to learning? Which aspect of learning should we focus on? Interactions around learning?

## **EXPLORING THE CONTEXT**

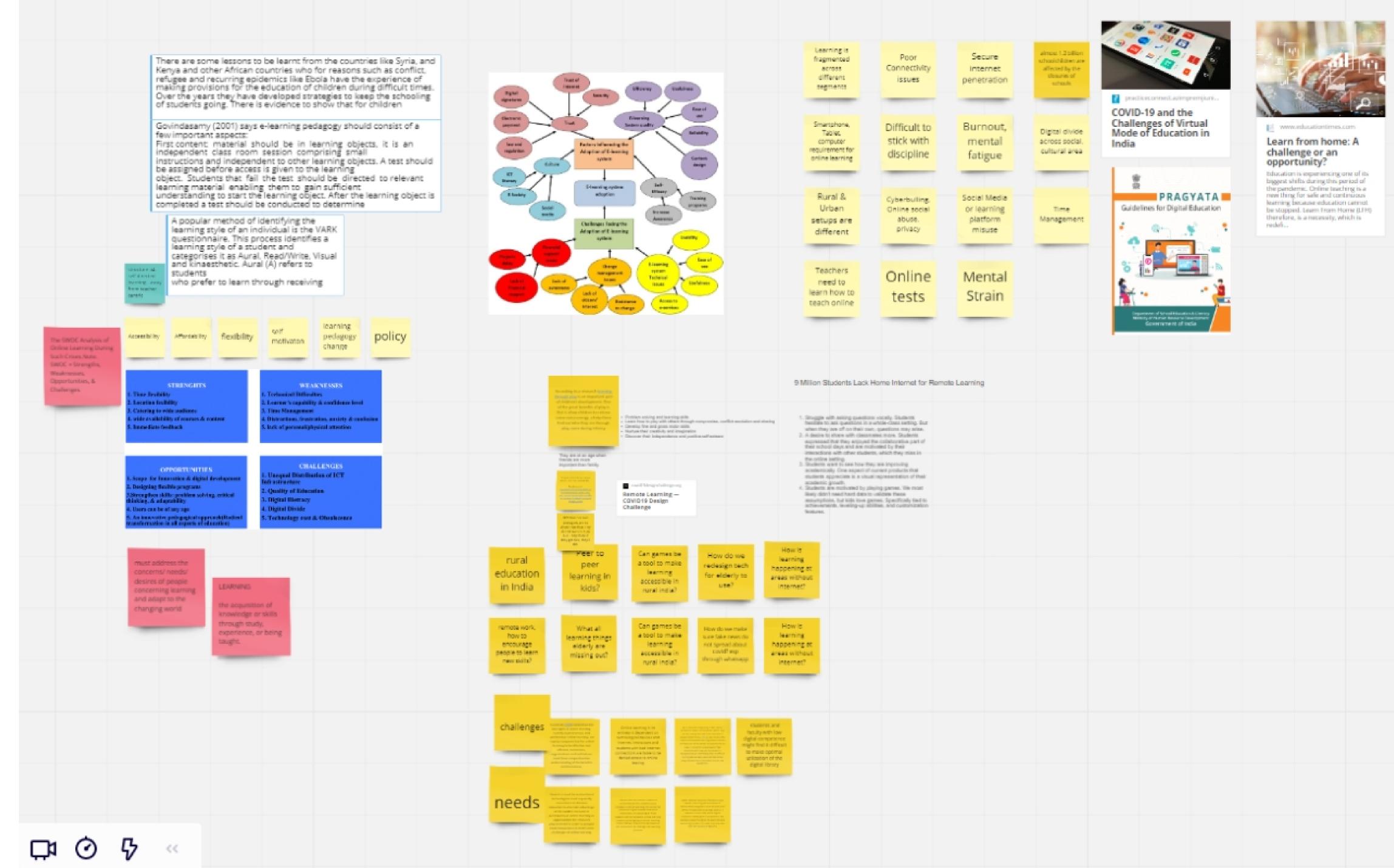
Learning is defined as the process of acquiring new understanding, knowledge, behaviors, skills, values, attitudes, and preferences. The pandemic had brought in major cultural change in learning. The medium, processes and environment of learning has changed.

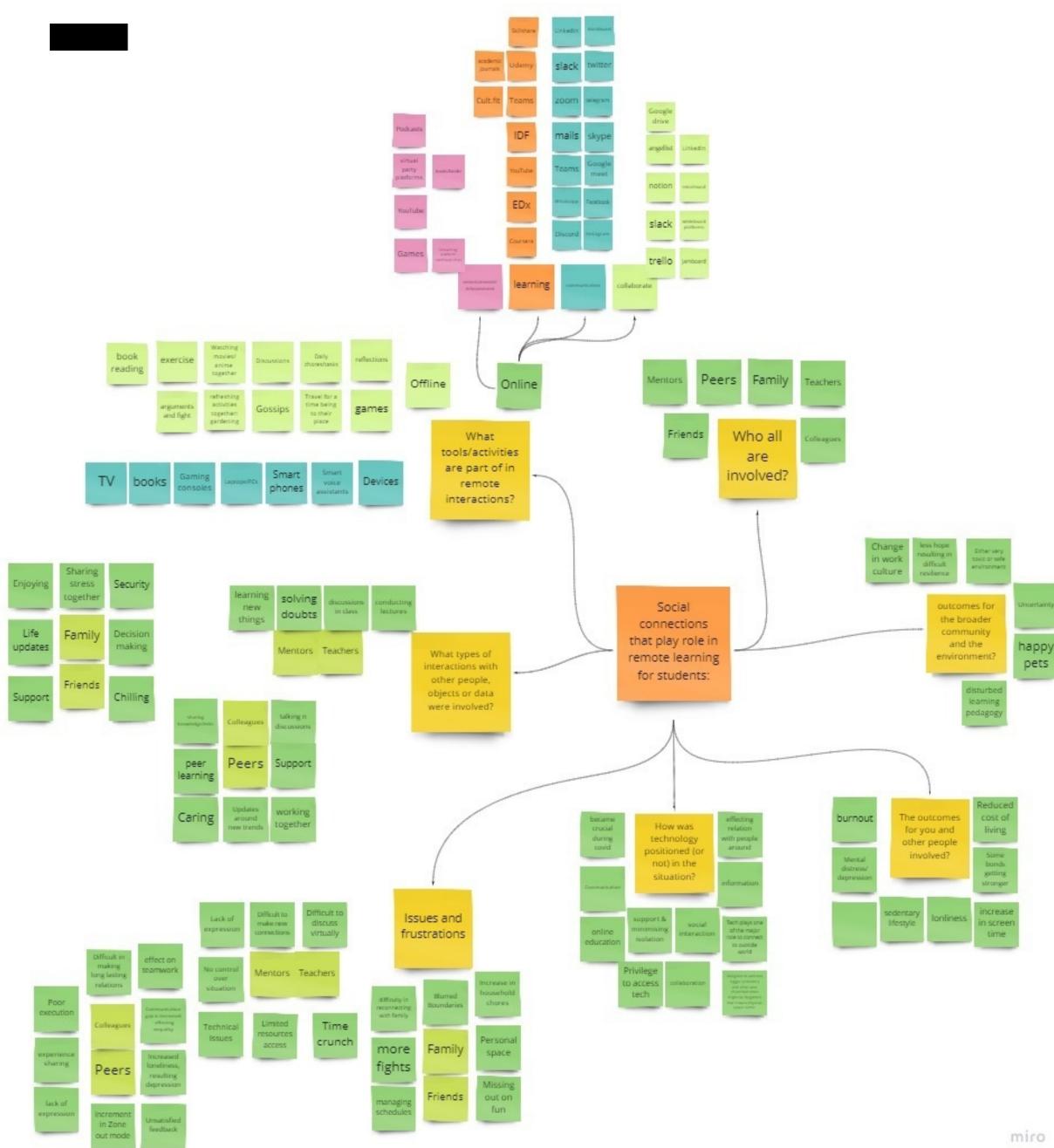
We tried looking at problems for learning during the pandemic and derived these insights:

- 1. Online learning can be a privilege depends heavily on affordability and accessibility.
- 2. It is flexible in timing and can be too flexible to schedule at times.
- 3. It brought in a change of pedagogy which is hard to adapt quickly.
- 4. Co-learning atmosphere difficult.
- 5. It is resulting in more screen time.

6. High burnouts due to increasing stress levels due to loss of peer learning, change in environment, habits and routines, scheduling.

7. Need to stay self motivated.





## **PHASE 2: Define**

Upon brainstorming, we realized the difficulty to adapt to learning is affecting learning. We thought what if everybody is going through same thing, would staying connected with peers decrease stress levels?

We went on to understand Social Connectedness next:

Human beings are inherently social creatures. Early humans have traveled, hunted, and thrived in social groups; humans who were separated from their tribe often suffered severe consequences. Social groups provide us with an important part of our identity, and more than that, they teach us a set of skills that help us to live our lives. Feeling socially connected, especially in an increasingly isolated world within pandemic, is more important than ever as it is resulting in student burnouts.

Social interaction plays an important role in learning. Interacting with other people has proven to be quite effective in assisting the learner to organize their thoughts, reflect on their understanding, and find gaps in their reasoning. Underneath the broad umbrella of social interactions and learning, variants can range from peer learning, reciprocal teaching, learning by teaching, learning by observation, learning by doing, and self-other monitoring.

## Online Social Peer Learning Learning Connectedness

We started by understanding impact of learning through social connection in different user groups and areas of life.

We started by understanding impact of learning through social connection in different user groups and areas of life and explored on these: (refer to the picture above)

1. Role of social connection in students life.

2. Understanding the factors and interactions involved interactions with people, technology role, interactions with object and data.

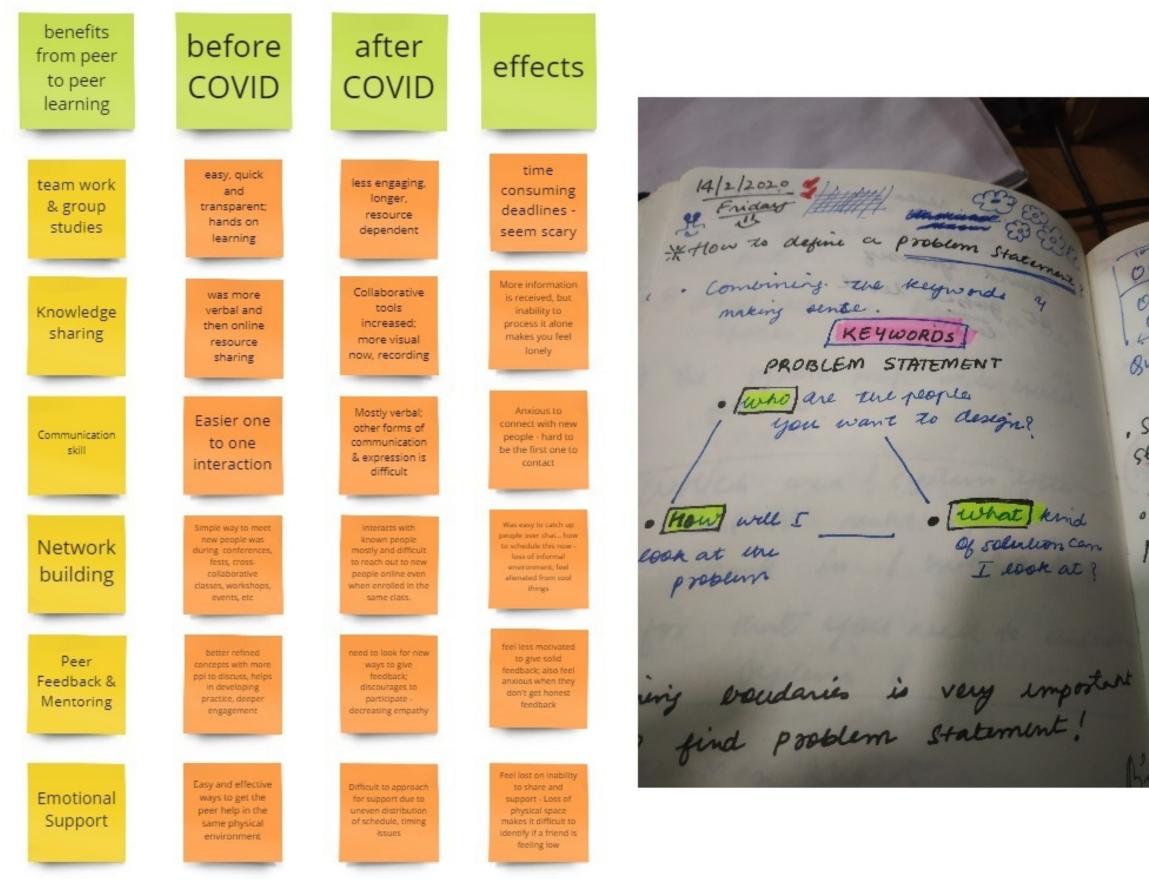
3. Outcomes of these interactions - physically, mentally, emotionally and on environment.

4. Does this part of Miro board look like Tetris game when you blur your eyes?:-0

(Mind Blown!!! May be we need coffee break now?!)

The above exercise helped us identify the user group as graduate and undergraduate students. A mental health study done on over 8,000 individuals in Delhi found that college students were the most affected by the pandemic and the lockdown. Students registered 41 per cent increase in emotions of anxiety/fear/worry, 54 per cent increase in anger/irritability/frustration, 27 per cent in hopelessness, sense of sadness was increased by 17 per cent, and 38 per cent increase in the feeling of loneliness/boredom.

miro



## NARROWING DOWN TO THE PROBLEM **STATEMENT:**

Online learning platforms have managed to provide education and collaboration to the college students, but peer to peer learning is still limited in online mode and have affected student's holistic growth and performance in academics and personal space.

Regular interactions with peers might keep them motivated to learn and also have relevant social interactions to avoid feelings of loneliness or isolation.

#### **DEFINING THE DESIGN CHALLENGE:**

We realized they need a space to feel comfortable, discuss, study and share knowledge and emotions. Hence we came up with the following design statement :

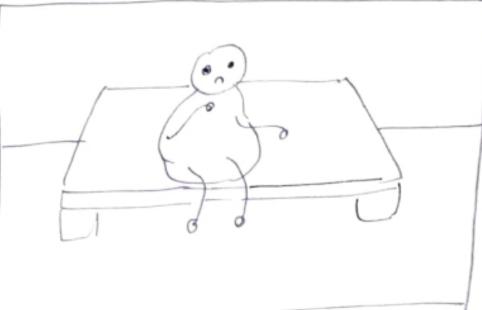
To create an environment where college peers feel more comfortable in meeting new peers and also share learning & knowledge resources with each other.

### Story boarding the design challenge.









IS THERE ANY WAY TO MEET EXISTING Y NEW PEERS EFFORTLESSY & COLLABORAT WITH THEM LIKE BEFORE!

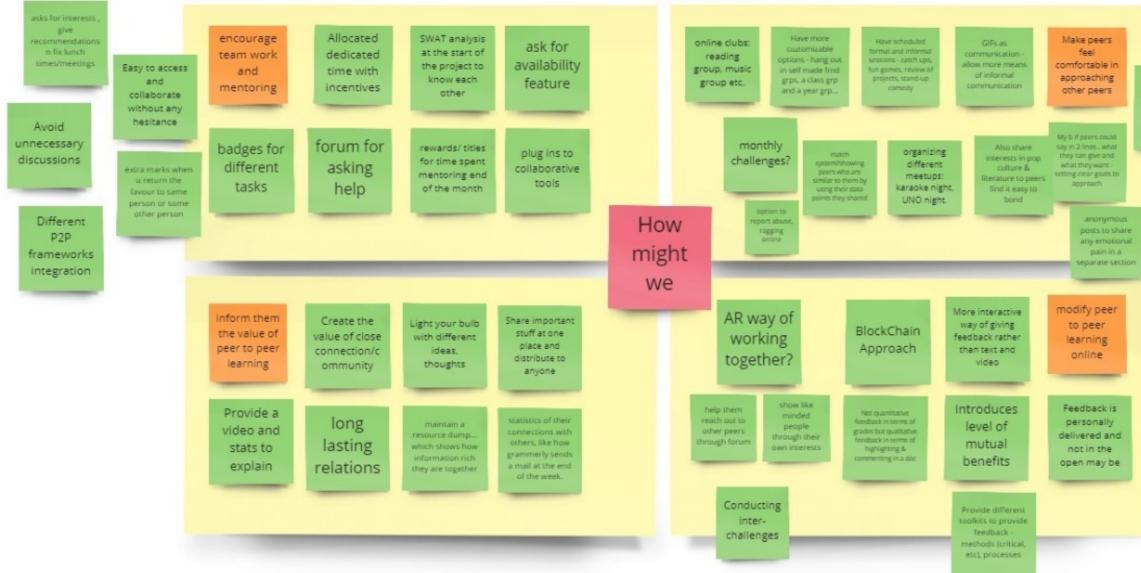
### Phase 3: Develop and sketch

After defining the challenge statement focus and goals,

We created 4 HMW's to guide our ideation direction:

- 1. How might we encourage team work and mentoring?
- 2. How might we make peers feel comfortable in approaching other peers?
- 3. How might we inform them the value of peer to peer learning?
- 4. How might we modify peer to peer learning online?

This helped us generate multiple ideas and build challenge focused concepts together.



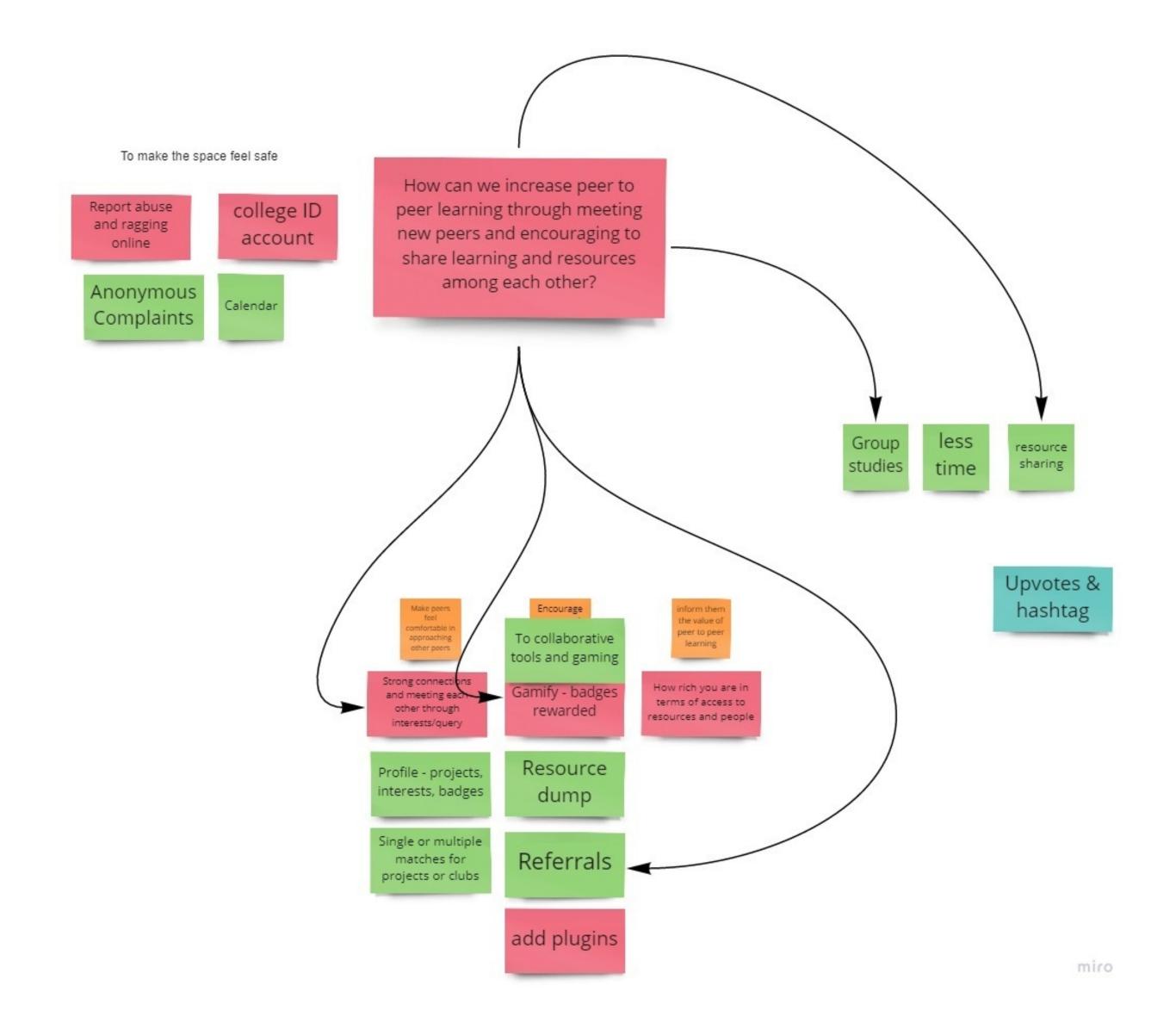


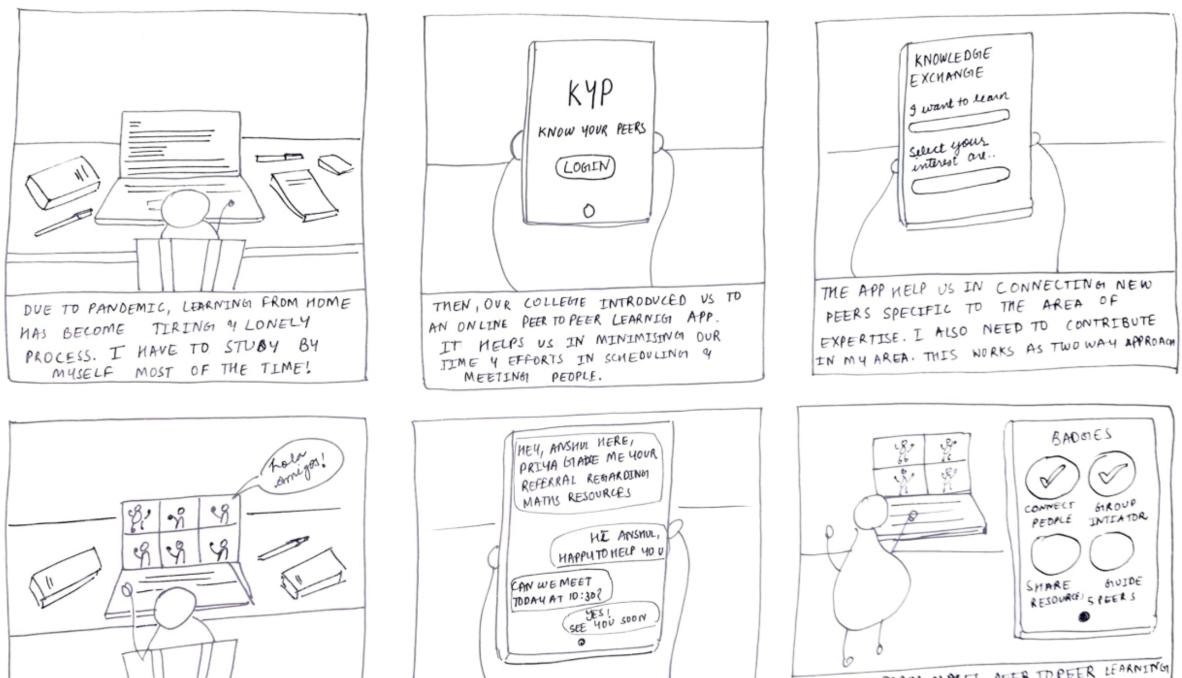
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### Ideas to concept

After some tinkering and research, we though it is best to create this environment like a social media platform as students are very active here and would find this environment easy to adapt. Any physical space ideation we had seemed dangerous to try under the current circumstances.

We brainstormed on some possibilities of what points help us deliver a safe, easy and collaborative environment. Narrowing down to identifying major challenges we wanted to solve in the context, we selected need to make strong connections and new connections - this would help people develop interpersonal skills and that would give them confidence to communicate, in turn developing social connections & networks. Encourage students to share knowledge with each other. Create study groups to tackle pressures of assignments, deadlines and exams supporting each other. Create a safe environment.





THE APP HELPS ME NAVIGATE THE STUDIES GIRDUP SPECIFIC TO MY COURSE! NOW I DON'T HAVE WASTE TIME CONNECTING PEOPLE! THE GROUPS ARE MANAGIED EASILY

NOW IT'S EASY TO CONNECT WITH NEW PEERS! I CAN EASILY COMMUNILATE WITH THEM WITHOUT WORRYING ABOUT CONTACT DETAILS , YOU CAN ALSO MET THE REFERRALS

THIS PLATFORM MAKES PEER TO PEER LEARNING EASY VALLESSIBLE. IT POLUS ON MUTUAL BENEFITS & MAS PUN ELEMENTS OF BADGIES. THIS MOTIVATES THE STUDENTS TO MAKE THE PROCESS IMERACTIVE

## **STORYBOARDING CONCEPT: USING KNOW** YOUR PEER TO ENCOURAGE LEARNING AND

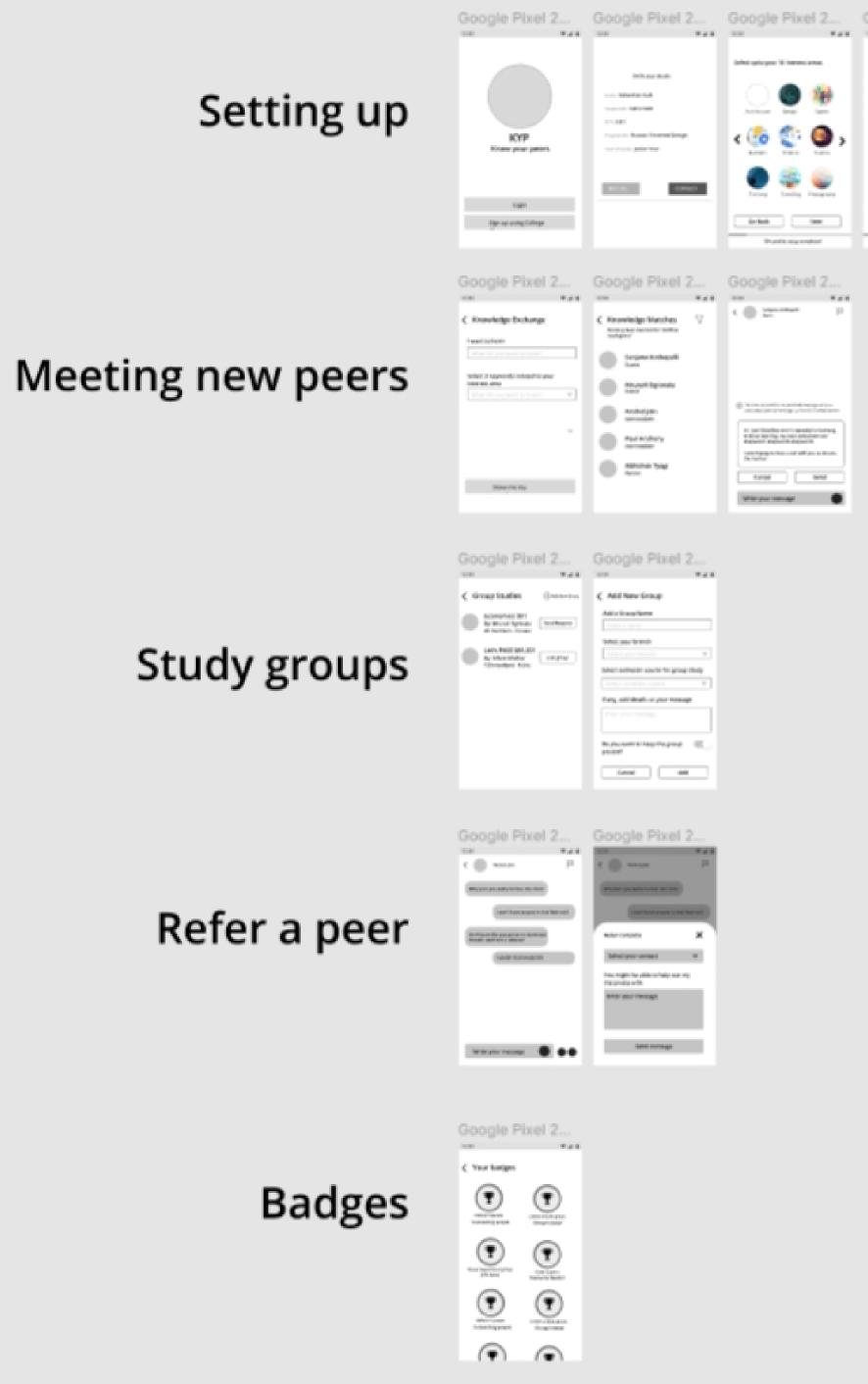
In order to address these concerns, we created KYP-Know Your Peers, a digital platform in form of an app that enables and encourages peer to peer learning through meeting new peers & stay connected with old ones; also sharing learning and knowledge among each other.

This kind of learning enables development of interpersonal and communication skills. This would help them participate in more social discussion tackling the stress of deadlines, exams, assignments, finding resources in the new pedagogy. And the best part is they are not alone in the process, they work with each other and save each other from burnouts and mental fatigue to ensure the boat doesn't drown. While sharing the learning and growing experience, they also build organic connections with each other.





#### **Create low-fi wireframes**



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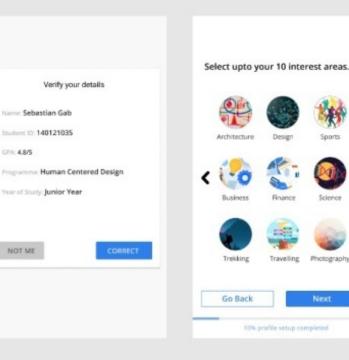
## Phase 4: Deliver (please click on the images to view in full mode)

We designed high-fidelity screens for our developed concept and wireframes, and validated the features by connecting back to the gaps identified in the process.

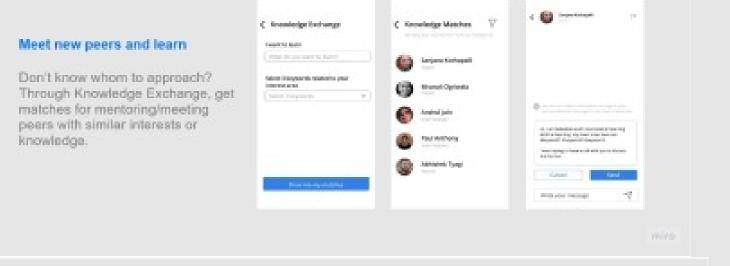
#### Setting up the profile

Using college ID to sign up and setting up profile using interest areas, skillsets, knowledge areas etc.





Select areas	
× Machine learning	Expertise level



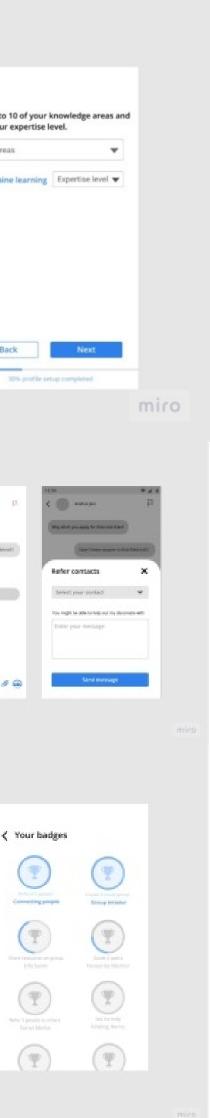
#### Refer a peer to other peers

Know someone who can help your friend in their field? Refer your known contacts to your peers to help them, and increase their networking circle by connecting through yours.

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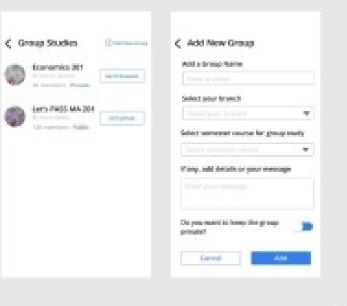
#### Earn badges and show your skills in resume

Every time you connect a peer to your contact, help a peer, create study groups etc., you get closer to earning badges on the platform, which are verified and can be put on the resume to show management, team work and other soft skills.



#### Form study groups to share resources and learn/teach each other

Make study groups according to courses registered and help each other stay on track and share resources with each other, engage in discussions, review each other work and get quick peer help.



## Team Firebolt Signing off!!!!



https://teamfirebolt.tumblr.com/