**#Instructions**

* **Please make a copy before you edit it: File -> Make a copy.**
* **Please find the theme, problem statements and detailed template below.**
* **Please submit the final design document with an access link in the** [**submission form**](https://forms.gle/A7GGAcdFDQiNANFc7)**.**

| **Girl Hackathon**  **Theme: Future of Learning**  **[Do not edit this section. This is read-only]**   | **SUB THEMES OF ROUND 2** | | --- |  | * **Digital Literacy and its Accessibility** * **Hybrid Education**   **Problem Statements:**  **Please use one of the below problem statements or come up with any other problem statement of your choice:**   1. Majority of people in India still don’t have access to the internet, and fewer still own a smartphone—Google has made India central to the Next Billion Users initiative—designed to ensure the internet is useful for people coming online for the first time. We are continuously working on improving our apps and services so they’re relevant in more Indian languages and continue to create offline versions for those facing network constraints. Explore and enhance the features of existing applications or come up with a new application to improve **accessibility** in ways we can work together to improve lives of people living in rural areas and overall advance India’s digital economy. 2. **Hybrid education** models are being adopted across educational institutions post pandemic. As the name suggests, this model gives students the flexibility to attend classes in both online and offline modes. Since educators have a mix of online and offline students to address, various novel methods or tools for teaching need to be adopted. Monitoring, doubt sessions, intra student communication, grading group projects etc are getting tougher and a 'standard' solution to this problem needs to be identified. What features could help solve for the Hybrid education model in the current day and age. 3. Across the world, senior citizens who grew up in a pre-digital era, are finding it difficult to acclimatize themselves with the emerging technology. However, evolution of new technologies and applications can enable senior citizens to stay safe and secure. These days, senior citizens have already graduated to using smart phones from landline or basic mobile phones but are largely using them to only make and receive calls. Rapid development in apps and websites which are user-friendly, can improve the safety of senior citizens if we can make them familiar with how to operate them through **digital literacy**. What features would you add to existing applications or come up with a new application to empower the reach to a larger audience of elderly. | | | --- | --- |   **Participants may either choose the above problem statements or may take inspiration from them and come up with something totally new. Goodluck!** |
| --- | --- | --- | --- |

**Find Template to use below**

| **2022 Girl Hackathon Design Doc Round: Project Submission** |
| --- |
| Project Name: |
| Group Name: |
| Group Members: |
| **Brief summary**  Please summarize your problem statement and solution in a short paragraph. |
| **Problem Statement**  What's the background of the chosen theme? (brief introduction is enough)  What is the specific problem on the chosen sub theme? What problem you’re trying to solve. Please mention the theme your solution caters to. (Multiple selections is acceptable.)  What are you doing, why, and for whom? |
| **Use Cases**  Describe specific use cases that illustrate the problem/opportunity. |
| **Design Idea and approach**  A short and sweet overview of your implementation ideas. You don’t need to contain every detail of your implementation, and should omit code. This will be covered in the Hackathon round. Use a diagram that illustrates your solution when necessary.  You can discuss but not limited to:   * Which technologies will you use? * What new components will you write? * What technologies will you use to write them? * What are the dominant scaling parameters? (data sizes, qps estimates, etc.) Consider the range and maximum values. * What is the general rollout strategy? * What are your information security/privacy concerns and how will you address them? |
| **Alternatives considered**  Include alternate design ideas here which you are leaning away from. |
| **References and appendices**  Any supporting references, mocks, diagrams or demos that help portray your solution.  Any public datasets you use to predict or solve your problem. |