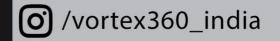Please submit your idea in Power Point presentation (PPT) or PDF format:

Points to Remember:

1. You can only team up (join or form teams) with the candidates who have registered for the Vortex 360.Teams must be comprised of 1 - 4 people.
2. No other software should be used instead of Fusion 360.
3. You can create a team using the Create Team option or Join an already existing team by searching for the team name or using the join team code.
4. At least one of the team members should be on the telegram group of Vortex 360 as important information will be conveyed through the same.
5. The project under Fusion 360 should be named after the team's name.
6. We will provide you with an email id of vortex 360 which has to be added as a team member before the hack starts
7. The problem statements will be released one day before the hack starts.
8. All rights of the project developed during the hackathon strictly belong to the owner/team of the corresponding project.
9. For every review, the team leader has to upload a detailed description of the work done and a video of the design which will be used for the judging process.
10. The submission procedure will be mentioned by the organizing committee. Participants have to upload the documents before time to avoid disqualification.
11. There is no option for late submission. Any team that fails to upload the presentation before time will be disqualified.
12. Any misconduct with the organizing committee or with any other participants or female participants/organizing committee members on the social handle (i.e Telegram) will be considered against the code of conduct and the team will be disqualified immediately.

13. The organizing team has the sole right to decide over disqualification of any team that does not abide by the rules and regulations of the hack.
14. All the participants should register on the Fusion 360 software through their college mail ID.

Reviews:

0th review:

1. You are required to submit your idea description in PPT/PDF format before the deadline.
2. Submitting the idea description and PPT/PDF is mandatory.

1st review:

1. You are required to submit a concept of your design for the product you aim to make.
2. You are required to state the purpose of your design and its application
3. The technical team will decide which teams will qualify to the next round depending on your presentation and design.

2nd review:

1. You are required to be ready with your complete design with every component present and proper assembly of the product. The CAD model is expected to be precise and detailed.
2. You are required to make a presentation of your final product with its description, purpose, design photos and videos, economic feasibility, functionality, bill of materials, safety and ease of maintenance.
3. The technical team will decide which teams will qualify to the next round depending on your design and presentation.

3rd review:

1. You are required to present your final design with additional features such as rendering, animation and simulation, if possible.
2. The final design and presentation will be judged by the panel of judges and the winners will be announced accordingly.

Judging criteria:

1. Teams qualifying to the final round will have to prepare a PDF of minimum 5 pages and not more than 20 pages and a video of the design.
2. All participants are advised to select one problem statement and work for its solution or a solution which solves multiple problem statements. Some marks may be deducted for altering the problem statements.
3. Actual prototype of the proposed design using cardboard, thermocol, chart paper, etc can fetch you extra points. You may include photos of the same in your final presentation only.
4. Before submitting the idea/project, ensure that the first line in your project description mentions the theme you have used. Choose one or more from the problem statements and write them as the first line in your project description. If you have used more than one theme (or problem statements), separate them by commas and the write. Writing the theme and problem statement in the first line of description is mandatory. You may write the further description post that line.
5. Written documents and design sketches are allowed. You may also incorporate pre-existing material that is freely available to the public into your project, such as public domain images, creative commons music, open source designs etc excluding all CAD models and related augmentations from said sources like Grabcad, thingiverse etc unless and until it is approved by a member of our technical team. Use of unauthorized sources and plagiarism can and will lead to disqualification.

6. All the design elements for the project must be created during the event. The candidates are expected to begin the designing during the hack. Kindly abstain from using any work done prior to the hack. It can also lead to disqualification.
7. Points will be awarded to the teams based on innovation, creativity, design of CAD model, economic feasibility and use of software features (for example, rendering, animation, generative design and simulation if possible).
8. The decision of the judges will be considered as final and no other person (participant/organizer) is allowed to question their judgement.
9. The prizes (not specified otherwise) will be awarded solely based on the decision of the judging panel.