



Informatics Institute of Technology
IEEE Student Branch



IdeaSprint – Guidelines

Organized by IEEE Student Branch Chapter of IIT in collaboration with IEEE
Computer Society and IEEE Women In Engineering of IIT

RULES AND REGULATIONS

- **Eligibility:** Participants must be 18 years of age or older, and should consist a minimum of 3 and a maximum of 5 members.
- **Submission deadline:** Proposals must be submitted by the 23rd of February. Late submissions will not be accepted.
- **Format and content requirements:** Proposals must be submitted in a PDF format and should include the topics outlined in the proposal template provided, including Problem, Solution, Market Potential, Business Model, Technical Overview, Social Impact and Competitor Analysis.
- **Originality:** Proposals must be original and cannot have been previously published or submitted to any other competition or event.
- **Problem Domain:** Make sure your software solution falls within the category provided in the problem domain section of the guidelines

RULES AND REGULATIONS

- Evaluation criteria: Proposals will be evaluated based on their originality, feasibility, market potential, social impact, and overall quality.
- Notification of results: Top 5 teams and their points from 25% will be displayed in a post and emails regarding the position and scores will be sent to all team leaders.
- Prizes: Prizes will be awarded to the winning proposals as determined by the event organizers. The Top Team will be provided with the Certificate and the respective Cash Prize will be awarded at The Grand Finale.
- Code of Conduct: Participants must comply with the Code of Conduct outlined on the CodeSprint 7 delegate booklet. Any violation of the Code of Conduct may result in disqualification.
- Disclaimer: By submitting a proposal, participants agree to all of the rules and regulations outlined in this document, and acknowledge that the decision of the event organizers is final.

Ideathon Domains

Please make sure your software-based solution falls within the below-given domains:

- ❖ Agro Tech
- ❖ FinTech
- ❖ Industrial IoT
- ❖ Workspace Automation
- ❖ NextGen Social Media
- ❖ Medical Technology
- ❖ Blockchain
- ❖ Digital Forensics
- ❖ Media & Entertainment
- ❖ Tourism & Hospitality
- ❖ Education
- ❖ Lifestyle

Note: Pick the right category for your submission proposal from one of the above.

Problem

[Problem] is a significant issue that affects [specific market or group]. The current solutions available on the market are inadequate or have certain limitations. These limitations include [specific examples of limitations]. This problem creates a significant challenge for [specific market or group], and it is crucial to find an effective solution to address it.

Problem Domain

The problem domain should provide a general overview of the area of focus for the project. This can include information about the industry or field that the project is related to, as well as specific issues or challenges that the project aims to address. For example, the problem domain could be the healthcare industry and the specific issue could be the lack of access to mental health services in rural areas.

Project Scope

The project scope outlines the specific objectives and tasks that will be undertaken during the project. It should define the boundaries of the project and what is included and excluded from the project's work. For example, the project scope could include developing a new software application but exclude any work on hardware or infrastructure.

Problem

Project Scope

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Problem statement

The problem statement should clearly define the problem or issue that the project aims to address. It should be specific and concise, and should describe the problem in a way that is easily understood by the project's stakeholders. For example, the problem statement could be "There is a lack of effective communication and coordination among teams in the organization, resulting in delays and increased costs.". This statement should be supported by data and research, and should explain why the problem is important to the project's stakeholders.

Solution

Our proposed solution is [proposed solution]. Our solution addresses the limitations of current solutions by [specific examples of how it addresses limitations]. This solution utilizes [specific technology or method] to achieve [specific goal or outcome]. Additionally, our solution will provide the following benefits: [list of benefits].

Existing Solution

Under this topic, an overview of existing solutions or approaches to address the problem should be provided. This can include a description of the methodologies, technologies, and strategies currently being used to address the problem. Information about the effectiveness of these existing solutions and any limitations or challenges that have been encountered should also be included.

Solution

Proposed Solution

This topic should provide a detailed description of the solution proposed to address the problem. This should include information about the methodologies, technologies, and strategies that will be used to implement the solution.

Comparison Analysis

This topic should provide a comparison of the existing solutions and the proposed solution. The comparison should include a detailed analysis of the strengths and weaknesses of each solution, as well as an evaluation of how they compare in terms of effectiveness, cost, and feasibility. This analysis should also include a discussion of any trade-offs or compromises that will have to be made if the proposed solution is implemented. The comparison analysis should be supported by data and research.

Solution

The market potential for our solution is significant. The demand for [relevant market trend or statistics] is increasing and is expected to continue to grow in the coming years. According to a recent study, [include relevant market data or statistics]. Additionally, our solution addresses a gap in the market that current solutions are not able to fill. This creates an opportunity for us to capture a significant share of the market.

Market Gap (Research Gap)

Under this topic, an analysis of the market gap that the proposed solution aims to fill should be provided. This should include an examination of the current market conditions and the unmet needs or challenges that exist in the market. The market gap analysis should also include a discussion of how the proposed solution addresses these unmet needs and how it is differentiated from existing solutions in the market.

Solution

Target Market

This topic should provide a detailed analysis of the target market for the proposed solution. This can include information about the size, demographics, and needs of the target market, as well as information about any trends or shifts in the market that may impact the potential success of the solution

Market Projection

This topic should provide a forecast of the market potential for the proposed solution over the next 5 years. This can include information about projected growth, market share. The forecasting should be based on industry trends, market research, and any other relevant data.

Business Model

Our proposed business model is [business model]. This model is sustainable and scalable, allowing us to generate revenue while also providing value to our customers. Our revenue streams will come from [specific examples of revenue streams]. This model has been successfully implemented in similar industries, and we are confident it will be successful in ours as well.

Technical Overview

Our solution utilizes [specific technology or method] to achieve [specific goal or outcome]. The technology is [brief explanation of the technology and how it works]. Our solution is built on top of [specific platform or infrastructure]. This allows us to leverage the latest advancements in [specific field] and provide a robust and reliable solution to our customers.

Innovation at its peak!



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