## ****Instructions****

You can use this template to request, or rather present a challenge, to the *FIRST* LEGO League developer’s community. This template will help you to develop and convey your ideas and provide developers with the initial input. When completing this template, please try provide as much information as possible. A clear challenge will not only increase the chances of your needs being met, but also reduce the time of development.

Please note, we are a community of volunteer developers; which means that not all request (challenges) will be executed exactly to your wishes, or even not all. Furthermore, we expect from people requesting tools (software) to actively engage in the development process, through continued interactions, testing and feedback. See this challenge document as a conversation starter, between you and the developer’s community. We look forward to working with you!

After completing the form: please submit it to: …… @ …..

**Working title:** Click here to enter text.

**Requested by:** Click here to enter text.

**Email:** Click here to enter text.

**Submitted date:** Click here to enter text.

## Basic info

**Brief description:**

In a few lines, describe your needs, what specific part of the FIRST LEGO League program are targeted?

Click here to enter text.

**Motivation:**

What’s the motivation of the project? Provide a brief historical description and illustrate why this project has to be executed.

Click here to enter text.

**Goals**

*Formulate briefly the goal and objectives of the project. When would you consider it to be a success?*

Click here to enter text.

**Deliverables**

*Define the deilvarables, for example website(s), systems, possibilites, database that need the be developped. In other words, how will the objectives be realized.*

Click here to enter text.

**Target audience**

What is the estimated impact of the project? Who does the project affect? Consider these persons and groups and indicate the impact for each of them. Also indicate the risks involved with project, including the risks if the project is cancelled.

Click here to enter text.

## Scope

**Scenario’s / use-cases**

*Describe the scope of the project. Define what is within the scope, but also indicate what is not considered part of the project. The better the scope definition is the greater chance of success the project will have.*

Click here to enter text.

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Click here to enter text.

**Users**

*What users will work with the system and in what manner? For example does the application need to be interactive or is it just for distributing information. Also indicate the characteristics of the users (level of experience, age, motivation).*

Click here to enter text.

**IT constraints**

*Describe the IT enviroment for the project. Are there existing systems that can/need to be used or linked or is a new environment required.*

Click here to enter text.

## **Specification**s

*Describe the specifications of the system as completely as possible. Use a separate document to add diagrams and drawing is needed. Describe here how you would like the application to look like.*

**Data**

*What data needs to be stored in the system. Be complete as possible, defining various fields, lists and relations between the data. This could for example be person data, participation of event or payments.*

Click here to enter text.

**Functionality**

*What functionalities should the system offer, what should the system be able to do? Consider what should happen with the data you mentioned above. You could also add workflow diagrams in a separate document.*

Click here to enter text.

**User interface**

*How would users interact with the data and use the functionalities? Do you desire an interactive, static, business or community system? Describe what and how data should be displayed on what pages. Add drawings in a separate document.*

Click here to enter text.

**Governance**

*Who will govern the system? Consider functional and technical administrators. Should any special features, such as moderation, be added?*

Click here to enter text.

## Miscellaneous information

**Examples / existing systems**

*Please provide any additional information here, for example future possibilities and extensions, additional descriptions and other relevant information.*

Click here to enter text.

**Additional information**

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Click here to enter text.