

SPECIFICATION BOOK FOR GIZHACKATHON 1.0



INTRODUCTION

GIZ stands for GREEN INDUSTRY ZONE is 24h hackathon organized by IEEE FST SB : collaboration between the chapters IAS and PES.

You are going to face real-technical problems and your challenge is to find solutions implimenting modern technologies such as IOT, IT and IA.



THEME

GIZ Hackathon is adopting the theme of SMART CITY to be one of the unique events implementing this idea to solve real-life problems in TUNISIA.



PROBLEM1: SECURITY IN STREET

Security of the person is a basic entitlement guaranteed by the Universal Declaration of Human Rights.

His SECURITY in the street in a huge problematic and ignoring it is causing thousands of deaths and big catastrophes for the humanity in general and in Tunisia specifically



PROBLEM2: HEALTHCARE

Healthcare is the improvement of health and Lack Of Real-time Situation Management is an incredible challenge for healthcare organizations.

Note that public health emergencies like COVID-19 require situation management in real-time.



PROBLEM3: ENVIRONMENT

Tunisia is suffering from several environmental problems such as Public gardens dryness.
Lack of plants and herbs irrigation is driving to lack of green spaces in tunisia.



CHALLENGE

The challenge is to choose one of the listed problems and think about solutions to solve it or reduce the damage caused by it.



CHALLENGE DESCRIPTION

Preparing a presentation (15 Slides max) in which you explain your choice for the problem and the need to consider it over others .

+ explaining the solution proposed by you team.

+ pitching your solution in 5 minutes in front of juries + 3 minutes Q&A.



CHALLENGE RULES

- *The number of members in the team should not exceed 4.
- *The deadline for submitting your POWERPOINT or GOOGLE SLIDES presentation should be by the 4th of november at 9:30 A.M. on the mail of GIZ : GIZ.hackathon@gmail.com.
- *Each member of the team should be present on the day of pitching, or they risk to get minus points.
- *the Solution should implement smart technology.

In case the submission the team will be eliminated from the competition.



CRITERIA

The concepts are going to be judged by the following main criteria:

- *Desirable: desired by the Human
- *Viability: Business-wise; its growth
- *Feasibility: Technology-wise
- *Creativity: Innovation and originality
- *Relatability: SMART-CITY relevant solution



SCORING SYSTEM

*Presentation and pitching:	20
*IOT architecture:	30
*BMC:	20
*Feasibility and innovation:	15
*Risk factor:	5
*Q&A:	10
Total :	100 points
Bonus: prototype :	5 points



GOOD LUCK

