

## MARKING GUIDE

The ComSSA Hackathon is a creative challenge designed to get students to show off their innovation, research, and presentation skills within the context of a fictional high-stakes scenario. We encourage students to engage with the problem statement analytically and creatively, identifying unique and pressing issues within the context of the statement and solving them with creative and elegant solutions. Note that individuals of a wide range of technical skills will be participating in the Hackathon, so we are prioritising innovation, attention to detail, and engagement, over displays of technical skill.

**Please consider the following metrics while judging the student's solutions:**

### 1. Identification of Problem

*The team identifies a unique, pressing, and specific issue (or multiple related issues) within the primary problem statement, and one that possesses sufficient depth to be explored through a solution. In essence, is the problem the group has chosen interesting and worth solving?*

### 2. Research/Contextual Background

*The team supports their arguments through a rich body of research of the topic area or analysis into the context of the problem statement. The solution should demonstrate that it has been well thought-out, and that the team has addressed as many potential roadblocks or unknowns as possible.*

### 3. Creativity of Solution

*The solution demonstrated is innovative and interesting. The solution shows evidence of critical thinking that goes beyond obvious approaches to the problem and/or problem statement in general.*

### 4. Demonstration of Feasibility

*The team comprehensively demonstrates their solution could be implemented using existing technology (wherever possible), or technology and resources that may be assumed to be present within the context of the problem statement. We highly support the use of live or pre-developed demonstrations of the solution or components of the solution to achieve this. Alternatively students may demonstrate feasibility through performing cost analyses, comparison to real-world projects, or similar.*

### 5. Overall Presentation

*The overall presentation is well performed. The slides are well-designed, presentation is performed with passion, and the format is appropriate for a convincing yet brief pitch.*