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| **2022 INTERNATIONAL S.M.A.R.T COMPETITION APPLICATION** |
| **Application No.** | \*Do not fill in this slot |
| **Title (item)** |  |
| **Category** | [ ] Start-up [ ] Social Responsibility  |
| **Team Name** |  |
| **Address** |  |
| **Start-up**N/A | **Company Name** | **Business Registration Number if any** | **Startup date** |
|  | -- | DD/MM/YYYY |
| **Intellectual Property Right**N/A1 |  [ ] Patent [ ] Utility Model [ ] Trade Mark [ ] Design [ ] Others ( ) |
| **Tittle (Proprietary name)** | **Number** |
| Write the exact and relevantInformation (proprietary name, number, or registration number) if you have any intellectual property rights (patent, utility model, trademark, design, etc.) related to this application |  |
| **Academic Advisor**N/A1 | Name | Affiliation(Position) | Contact |
|  |  | ***Tell:*** |
| ***Email:*** |
| **Key words** | English | (1) | (2) | (3) | (4) |
| Korean | (1) | (2) | (3) | (4) |
| **Team** | **Name** | **Affiliation** | **Major/position** | **Phone** | **Email** |
| Leader |  |  |  |  |  |
| Member1 |  |  |  |  |  |
| Member2 |  |  |  |  |  |
| Member3 |  |  |  |  |  |
| Member4 |  |  |  |  |  |
| I confirm that the information above is true, and I hereby submit the application with the attachments.Date: (MM). (DD). (YYYY). \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Leader of Applicants: (Sign)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| Research Proposal |

**1. Definition of the problem and technical goal**

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| **【Writing tip】**1) Write the background and purpose of planning the research2) The will to promote the project or the developmental motive for the startup item/problem-solving measures |

**2. Details of the research (item)**

**2-1. Details**

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| **【Writing tip】**1) Explain the startup item (product, technology) and research technologies you have in detail |

**2-2. Competitiveness and originality of the research (item)**

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| **【Writing tip】**1) Write the competitiveness and originality of the startup item (product, technology) you have2) Whether there is an existing similar technology, differences from existing products, etc. |

**2-3. Promotion plan for research development**

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| --- | --- | --- | --- |
| Research details | Research development promotion schedule | Research fund(Thousand won) | Note |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **【Writing tip】**1) Write the details of the research development and promotion schedule2) You can change this to suit your plan  |

**3. Promotion competency**

**3-1. Implementation strategy**

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| **【Writing tip】**1) Write detailed strategies for implementing your startup item and technologies 2) Differentiation from existing products, marketing strategies, etc. 3) Market entry strategies in the early stage, etc. |

**3-2. SWOT analysis**

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| --- | --- |
| Category | Content |
| Strength |  |
| Weakness |  |
| Opportunity |  |
| Threat |  |

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| **【Writing tip】**1) Analyze your internal and external environments and write factors that will become a strength, weakness, opportunity, and threat |

**4. Environmental analysis**

**4-1. Analysis of the trend in the related field**

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| **【Writing tip】**1) Analyze and write the latest trend and new technological trend in the field related to your startup item and research details |

**4-2. Economic/social ripple effect**

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| **【Writing tip】**1) Analyze and write economic profits or positive influencing factors for the society that will be generated due to your research |

**[Agreement for collection and use of personal information]**

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| --- | --- |
| **Items** | **Contents** |
| Information will be collected(\*) | School, Year, Name, Phone number, E-mail address, Photo or video of participants |
| Purpose of collection | As the good example of “2022 S.M.A.R.T. sustainable technology competition”, information can be used as a source for exploration and learning of sustainable technology cases and evidence for student activity history. |
| Period | Until end of service |

\* More personal information can be collected if it is necessary, even it is not contained as information will be collected.

\* Collected information will not be used as stated as “Purpose of collection” and when request from participants is received, information will be destroyed immediately

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| --- | --- | --- |
| **Items** | **Agree** | **Disagree** |
| Contact via phone or e-mail for award or process of event |  |  |
| Photograph or video recorded during event can be released to public  |  |  |
| Submitted work can be released via Youtube / Homepage of Academic Society of Appropriate Technology\* Copyright of work will be protected.\* Submitted work can be utilized for case study of appropriate technology  |  |  |

I agree with the collection and use of following information related with “2022 S.M.A.R.T. Sustainable Technology Competition” hosted by Academic Society of Appropriate Technology (ASAT)

2022. . .

Team Name: -

Team Leader: (Sign)

Team Member 1: (Sign)

Team Member 2: (Sign)

Team Member 3: (Sign)

Team Member 4: (Sign)