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| QU Internal Grants | CONCEPT DEVELOPMENT GRANT: EMERGENCY RESPONSE APPLICATION 2020 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **For Office of Research Support Use only** | | | | | | **Project ID** |  | | | | | **Start Date** | -----\----\--------- | **End Date** | -----\----\--------- | | | **Approved Amount** | **1st year :** |  | **Total (QR):** |  | | |  | |

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| **Project ID from iGrants** | |  |
| **Project Title** | | |
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| **Principle Investigator (PI) information** | | |
| **Name** |  | |
| **Rank/ Title** |  | |
| **College, Research Center, lab** |  | |

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| **List of Team Members**  ***NB: Affiliation: QU department/discipline/research center, or other Qatari institution***  ***Role in the project: PI, Collaborator (from other Qatari institution), RA, Graduate/Undergraduate student, Consultant.*** | | | |
|  | Researcher#1 | Researcher#2 | Researcher#3 |
| Name |  |  |  |
| Role in the Project |  |  |  |
| Affiliation/Position |  |  |  |
| College/Center/lab |  |  |  |
| e-mail |  |  |  |
| phone |  |  |  |

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| **Abstract**  **(Not to exceed 300 words)** | | | |
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| **Required Resources** | | | |
| **Resource** | **Needed Y/N** | **Available Y/N** | **Budgeted Y/N** |
| * **Laboratory Space** |  |  |  |
| * **Facilities** |  |  |  |
| * **Office and Computer Facilities** |  |  |  |
| * **Major Equipment** |  |  |  |
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| **Alignment with this call Priorities**  ***Describe how the research aligns with this call research priorities. How the research will address and provide solutions to national, regional, or international problems***  ***(Not to exceed 1 page)*** | | | |
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| **Project plan and expected outcomes**  ***(not to exceed 12 pages excluding references)*** | | | |
| *PS: In the following sections, by “product” we mean “prototype/technology/platform”*  **a. Problem Statement and Prior State of the Art Research**  *Briefly outline the problem to solve and benchmarking with similar works and products. Detail the added value of your proposed product?*  **b. Technology Readiness Level**  *Describe your product’s current level of development and the previous work conducted by the research team. What is the maturity of your product at the end of this project? Which TRL?*  **c. Development Objectives**  *How does your proposed problem contribute to solving the stated problem? Provide a few facts and figures to show that your proposed new product has a market.*    **d.  Methodology**  *Clearly describe the product design and realization steps, including an outline of the experimental plan, procedures, and analyses to be used to accomplish the specific objectives of your product. Describe the potential difficulties or risks of the proposed approach and provide alternative approaches to achieve your product.*  *If applicable, you may consider some of the following:*   * *describe how data will be collected, statistically analyzed, and interpreted* * *describe clearly any new concepts, approaches, tools, or technologies for the proposed product* * *describe any modifications in methodology and advantages over existing methodologies* * *describe the potential difficulties or limitations of the proposed procedures and provide alternative approaches to achieve the specific objectives*   **e. Impact**  *Describe the potential innovation and the expected end user*   * *IP/Copyright/trade secrets* * *Technology transfer with partners* * *Innovative services (for start-ups or product development in existing companies)*   **f. Commercialization Plans**  *Explain the plans to commercialize the product and develop it further after the project. Reflect on the funding sources needed and the path toward commercialization with potential development stages.*  **g. Group members profile**  *(2 pages maximum)*  **h. References**  *List the most relevant publications to the proposed work* | | | |

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| **Compliance and Ethical Considerations** | | | |
| **Will the project involve use of any of the following:** | **No** | **Yes, approval pending -**  **Add here name of approving institution** | **Yes, approval granted - Add here name of approving institution** |
| * **Human subjects?** |  |  |  |
| * **Animal subjects?** |  |  |  |
| * **Hazardous materials?** |  |  |  |

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| **Team Research publications**  ***List up to five of your team publications, the most relevant to the proposed product*** |
| **1.**  **2.**  **3.**  **4.**  **5.** |

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| **Previous LPI Research Funding** | | | | | |
| ***List All External Grants received in the last 3 years*** | | | | | |
| Project ID | Title of Research Project | Type of Grant | Grant Amount | Project Duration | Role (PI, Lead PI, etc) |
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| ***List All Internal Grants received in the last 3 years including summer grants*** | | | | | | |
| Project ID | Title of Research Project | Type of Grant | Grant Amount | Project Duration | Role (PI, Lead PI, etc) | Final Report Submitted |
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| **Attachments** |
| * *Budget Sheet* * *Letters of support from, local collaborators, local institutions (If applicable, to acknowledge their interest and support for your proposed product)* * *CV of LPI (Not to exceed 2 pages)* * *Plagiarism similarity report* |

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| **I confirm the following:** | **Yes** | **No** |
|  |  |  |
| * **The project idea is original and is not a duplicate of any previous work?** |  |  |
| * **I have checked for Plagiarism** |  |  |

**Signatures:**

We the undersigned, certify that to the best of our knowledge all the information provided in this application are correct. If the proposal is approved for funding, we will be bounded by all rules of Qatar University in spending the allocated grant.

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| **Name** | **Signature** | **Date** |
| **Lead Principle Investigator (LPI)** |  |  |
| **Associated Dean For Research and Graduate Studies/Center Director** |  |  |