**Proposal for Zimin Institute AI Healthcare Award**

*General Instructions:*

* *Use 12-point font size and 1.5 line spacing throughout the proposal.*
* *The proposal should not exceed 5 pages, excluding references and CVs (maximum 2 pages per CV).*
1. **Applicant details**

|  |  |
| --- | --- |
| **Principle Investigator Name**  | **Affiliation (Faculty/Department, Institute)** |
| *Main*  | *Main*  |
| *Co-PI (if applicable)* | *Co-PI (if applicable)* |

1. **Proposal title:**
2. **Abstract (up to 250 words)**

*Provide a concise summary highlighting:*

* *Impact and innovation of the proposed research.*
* *Goals and objectives of the research proposal.*
* *A brief overview of the commercialization plan and expected outcomes.*
1. **Project Description (brief overview)**
	1. Background

*Provide relevant context, including the problem addressed, existing knowledge gaps, and the significance of the research.*

* 1. Research methodology
	*Outline the approach, methods, and techniques to be used.*
	2. Results and Expected Outcomes
	*Describe the key results obtained so far, highlighting significant findings that support the proposal. Additionally, describe the anticipated outcomes and their potential contribution*
1. **Commercialization Plan***This section should be filled to the best of your ability, while considering the aim of the Zimin grant is to support the translation of technologies by providing the tools needed to commercialize.*

* 1. Market analysis
	*Explain the unmet needs the technology addresses and identify who might use it. Provide an estimate of the number of people or organizations that could benefit from it (market size).*
	2. Technology description
	*Provide a clear description of the technology/product/service, emphasizing its novelty and latest research results.*
	3. Comparison with Existing Solutions
	*Present a comparison table or analysis highlighting key specifications/criteria versus existing solutions.*
	4. Intellectual Property (IP)
	*List any patents or protected knowledge related to your technology, as well as any potential future intellectual property that could be developed. If there is shared ownership with others, please include those details.*
	5. Commercialization path
	*Describe the potential steps for bringing the technology to market. This could include one or more of the following:
	- Collaborating with industry partners to further develop and implement the technology.
	- Licensing the technology to a company that can advance its development and commercialization.
	- Establishing a start-up company, which may involve forming a leadership team to drive the technology forward, if applicable.
	Focus on the path that seems most realistic based on your current understanding of the technology and its potential applications.*
	6. Addressing Challenges

*Identify current gaps or barriers that might slow down or prevent the technology from being used in the real world. Propose potential solutions, services, or support requirements needed to address these gaps.*

1. **Timeline and Budget**
	1. Development plan and milestones

*Provide clear, measurable milestones for technology development and de-risking.*

|  |  |  |  |
| --- | --- | --- | --- |
| No.  | Milestone Description (measurable) | Activity to achieve milestone | Due Date (mm/yy) |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

* 1. Budget and justification

*Present a detailed budget table outlining key cost items. The $100K grant includes an in-kind match, as shown below:*

|  |  |  |
| --- | --- | --- |
| No.  | Budget Item  | Cost (USD) |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
|  | In kind | 37,500 |
|  | Total  | 100,000 |

*Budget items may include: Student fellowships, Postdocs, Specialist time, Equipment, Consumables and disposables, Services (e.g., computing, data analysis), Workshop support, Business consultants.*

***Budget Justification:*** *Provide a brief textual explanation detailing how each budget item supports the project goals, including the rationale for specific costs and their alignment with the proposed work plan.*

1. **References**
2. **CV (up to 2 pages)**