|  |  |  |
| --- | --- | --- |
| **Expression of Interest** | | |
| **Project Title** | Intensive Care Support | |
| **Organisation or Supervisor** | Kainos | |
| **Contact person** | Pedro Mendonca | |
| **Contact email** | pedrom@kainos.com | |
| **Team Members** | | |
| **Name** | **Email Address** | |
| Kejia Wu | scykw1@Nottingham.ac.uk | |
| Liam Orrill | psylo@Nottingham.ac.uk | |
| Tajin Tasnuva | psytt1@Nottingham.ac.uk | |
| Xuanhao Li | scyxl3@Nottingham.ac.uk | |
| Nicole Millinship | psynm6@Nottingham.ac.uk | |
| Gurjyot Kaur | psygk2@Nottingham.ac.uk | |
|  |  | |
|  |  | |
| **Description of Team Skills (You must provide clear evidence of to what extent the team has the Highly Desirable and where possible the Desirable Skills detailed on the Original Project form)** | | |
| **Project Motivation:**  Our team’s interest towards this project has been inspired by the urgent demand for Birmingham parents to have access to support whilst at Birmingham hospital. The eager demand of support to parents of children in ICUs deeply touched each member in our team and we would love to contribute to this project.  **Project Understanding:**  This project's objective is to develop a prototype of a responsive web application. This web application is designed to work mainly on iPads but should also be functional on smartphones and other tablets. The web application should provide information about the local area and support information. An administrative system should be designed to allow the less technically experienced charity workers to maintain the entire web application easily. Also, a virtual assistant could be developed as an extensive task.  **Team Description:**  All of our team members have a great deal of experience in website construction and UI design. Each one of us has developed our own website last semester and our team leader Kejia has contributed to website development in a business environment.  One of our team members, Gurjyot, is from Birmingham and therefore familiar with the local area and services. She is interested in human-computer interaction and hopes to design a web application which is easy to manoeuvre and understand for both the users and the maintainers.  Our team’s administrator, Nicole, is familiar with the concept of DevOps and good at web application developing simultaneously. She is really interested in creating an application that provides support to the parents when volunteers are not available.  (real knowledge of biology paragraph)  Each one of us has learned agile development last semester and are used to working in teams. Kejia has worked with other programmers in a business and campus environment. Tajin currently works in campus IT service, so she is good at solving problems with other team members together.  We consider ourselves as the most powerful candidate of this project because we have met most of the requirement and have a clear plan for this project. And we ensure you that we will pour one hundred percent of effort on this project.  **Highly desirable skills and desirable skills**  *Programming in different programming languages to produce a website; Experience in website producing -*  We have experience of web application producing and some of our team members know how to create a responsive web application  *Knowledge of the concept of DevOps; Knowledge of DevOps developing method -*  Some of our team members have a good understanding of DevOps which could promote the other’s working efficiency  *Ability to work with clients and other students; Experience in working in a team -*  Kejia’s work in a summer research project provided him with experience of team managing. His experience makes him perfectly particularly suitable for this project and his colleagues and teachers found him a reliable and responsible person to work with  *Knowledge of agile development and version control; Experience with agile development and Git –*  All of our team members have used git in a previous group work project and some of them have applied git to a business environment; all of us have a good understanding of software engineering  **Preliminary Research:**  After some research done by our team, there exists four main obstacles to conquer:   1. We want to make sure our project is easy for non-technical users to maintain. We have researched visual development 2. We have considered how to make sure the web application is responsive. We have considered devices and tablets to test our application on to ensure its responsive 3. To create a virtual assistant, we think the best method is to create an assistant that responds to keywords in the user’s text and responds with the relevant information. If the assistant can’t understand then we would forward the user’s question to a human administrator. We think this part of the project would be challenging and we want to make sure we won’t overpromise and underdeliver.   (Max 500 words) | | |
| **Date of Submission of EoI** | |  |
| **Date of Pitch** | |  |
| **Notification of award** | |  |

**Please make sure to attach one page CVs for each member of the group.**