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|  | **HASAN KALYONCU UNIVERSITY**  **Computer Engineering Department**  **CENG 499 Project Proposal Form** |

**Part I. Project Proposer**

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| **Name, Last Name** | **Abdul Hafiz Abdulhafiz** | **E-mail** | **abdul.hafez@hku.edu.tr** |

**Part II. Project Information**

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| **Starting Term** | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 2 | 0 | 2 | 2 | / | 2 | 0 | 2 | 3 | |
| **Title of the Project** | **Touch panel-based Application for Human-Wheelchair Interaction** |
| **Project Description** | |
| The project involves a mobile based design and implementation of an application for user interaction with the wheelchair.  Students can communicate with Dr. Abdul Hafiz for more details if they are interested in the project.  Good English skills and a CGP that is higher than 2.7 is required. | |
| **Project Justification** | |
| Developing novel interfaces to novel methods developed through our research. | |
| **New aspects** |  |
| **Complexity** | |
| **Challenging problem and issues** | Visual interface suitable to people with disability |
| **Related computer science fields and subfields** |  |
| **Tools** | Any mobile-based development platform |
| **Risk involved** | |
| **Potential problems and alternative solutions** |  |
| **Minimum work required** | 28 weeks |