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

**Part I. Project Proposer**

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| **Company Information**  **(If you have collaboration with a company)** | **HASAN KALYONCU UNIVERSITY – COMPUTER ENGINEERING DEPARTMENT** | | |

**Part II. Project Information**

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| **Starting Term** | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 2 | 0 | 1 | 9 | / | 2 | 0 | 2 | 0 | |
| **Title of the Project** | Virtual Reality in First Aid Training |
| **Project Description** | |
| In this project, it is aimed to teach people first aid for the moment and after the accident with the help of VR application. There will be different accident and different environment scenarios. The user will experience how to act during the accident. It can be used in medical educations or in driver training centers. | |
| **Project Justification** | |
| **Novelty** | |
| **New aspects** | It is explained how virtual reality can be used effectively in first aid training. |
| **Complexity** | |
| **Challenging problem and issues** | The most difficult part will be creating models and graphics. |
| **Related computer science fields and subfields** | Computer Graphics, AR-VR, Programming |
| **Tools** | Unity, C# programming, 3Dmax, Blender |
| **Risk involved** | |
| **Potential problems and alternative solutions** | Students can have problems about models and graphics but for this issue they can get help from another disciplinary like Visual Communication Design Department. |
| **Minimum work required** | 3-4 months |