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

**Part I. Project Proposer**

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| **Name Lastname** | **İSLİM ARIKAN** | **E-mail** | **islim.arikan@gmail.com** **/gaziantep@emo.org.tr** |
| **Company Information****(If you have collaboration with a company)** | **CHAMBER OF ELECTRICAL ENGINEERS GAZİANTEP BRANCH CHAIRMAN** |

**Part II. Project Information**

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| **Starting Term** |

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| **Title of the Project** | Energy Efficiency and Energy Saving |
| **Description and Objective of Project** |
| **Description:** Developing an application (simulation, gamification), creating an awareness of efficiency and savings in the energy we depend on externally. Providing a low electricity bill with this application. **Objective:** Every electricity subscriber will have access to this application, the features and power of the equipment used in his home and workplace will be entered into the system, the subscriber will be able to see electricity consumption, electricity unit price, electricity bill corresponding to consumption and know how he can save money (possible or not), he will try by making the equipment on/off or by entering the working time, an application aimed at creating awareness of efficiency and savings. |
| **Project Justification** |
| **Novelty** |
| **What is the innovative side of the project for you?****How will the project to be developed contribute to you?** | An application that has not been encountered before, without detailed work.With the project, each subscriber is contacted and a discount is planned on the electricity bill, so efficiency and savings are envisaged in the energy that we depend on externally. |
| **Complexity** |
| **Challenging problem and issues** | Variability in equipment type and power. The entry of all options into the system. |