

**GEDIZ UNIVERSITY**  
**COMPUTER ENGINEERING DEPARTMENT**

**COM 497- SENIOR DESIGN PROJECT I**  
**PROPOSAL FORM for INSTRUCTORS**

Academic Year: 2015-2016

Semester: Fall

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| <b>1. Logistics</b>   |  |
| <b>Supervisor :</b> Hürevren Kılıç<br><b>Proposal No. :</b> 1<br><b>Proposal Date :</b> 06.10.2015<br><b>Number of Students :</b> 1<br><b>Prerequisites :</b> Knowledge of a scripting language and database web application development.   | <b>Co-supervisor:</b>                            |
| <b>2. Subject Classification</b>  |  |
| Library Automation, Web Application.  |  |
| <b>2. Title of Project</b>  |  |
| Inter University Library Loan Application & Approval Software.  |  |
| <b>3. Description of the Project <sup>1</sup></b>   |  |
| Software will automate the need for university library users' application and approval to use library resources from other universities. Library users must be able to apply for temporary membership for resource usage and librarian must be able to see and approve pending applications & their current status and be able to produce statistics from historical data. Automatic message generation that informs responsible librarian about temporary loan request must also be implemented. |  |
| <b>4. Scope of the Project</b>  |  |
| Limited to university libraries but can be extended to include other libraries, too.  |  |
| <b>5. Goals of the Project :</b>  |  |
| To automate a specific need of our university library but directly usable by other university libraries. For the time being, the system works manually in which downloading, filling and printing the inter-library loan form for librarian's approval and sent by e-mail. Automating the process will save time, and increase availability of the existing manual service and its quality.   |  |
| <b>4. Key techniques</b>  |  |
| A typical form-based web application.   |  |
| <b>5. Project outcome</b>   |  |
| A tested web application software, its database and a user manual.  |  |
| <b>6. Hardware/Software/Lab/ Equipment Requirements</b>   | Php, MySQL like scripting and light database sw. |

<sup>1</sup> If necessary please use a separate sheet