



كلية علوم الحاسب والمعلومات
قسم هندسة البرمجيات

KING SAUD UNIVERSITY
COLLEGE OF COMPUTER AND INFORMATION SCIENCES
DEPARTMENT OF SOFTWARE ENGINEERING

Course Code / Title: SWE-381

Instructors: Dr. Mashael Maashi / L.Nora Bin
Arfaj/ L.Mona AlHakami

Project Specification.

Date: Oct 8th, 2017

Semester / Year: Fall 17-18

Due date: **Thursday, 14th of Dec 2017**, more
details mentioned below.

Project POLICY & ETHICS:

- Be aware of plagiarism – don't copy and hand in others work and claim credit.
- Any plagiarism case will automatically receive "F" grade.
- Any content that is used from the web must be cited clearly.

Requirements / STUDENT OUTCOMES:

- **SO(c):** an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- **SO(e):** an ability to identify, formulate, and solve engineering problems
- **SO(g):** an ability to communicate effectively
- **SO(k):** an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice
- **SO(l):** the ability to analyze, design, verify, validate, implement, apply, and maintain software systems

| ABET | NCAAA | Implementation (7) | Demo. (3) | TOTAL (20) |
|--------|-------|-----------------------|--------------|---------------|
| SO (c) | 2.2 | / | / | / |
| SO (e) | 2.3 | / | / | / |
| SO (g) | 4.3 | / | /10 | /10 |
| SO (k) | 4.1 | /10 | / | /10 |
| SO (l) | 2.4 | / | / | / |
| | | | | |

| | | |
|-----------------|-----------|--|
| Student Name : | ID: | Work distribution: we all worked on this together as a team but here are some functions that were assigned to one of us in particular .: |
| Noura alsa'adan | 436202586 | Create a new book category. Update the account information |
| Reema almuhanha | 436200927 | Search for a specific book View report of existing books. |
| Maram alodan | 436200913 | Delete books. Send notifications to members regarding the due date |

Difficulties :

- 1- When a student borrows a book it took us a bit of time to figure out how to add an option that allows them to extend the time.
- 2- Database was a bit difficult to work with , where the sequence of the pages was working but it wasn't adding to the database. So we switched the parameters in the select database.