

Lab 2 Section 2.1 Outline  
ODU CS 411 W

3.1 Functional Requirements

3.1.1 Database

- 3.1.1.1 User Table
- 3.1.1.2 User Account Types
- 3.1.1.3 Ventures
- 3.1.1.4 Skills
- 3.1.1.5 Companies
- 3.1.1.6 Resources
- 3.1.1.7 Job Board

3.1.2 Web Service

3.1.2.1 User Services

- 3.1.2.1.1 User Registration/Create
- 3.1.2.1.2 User Login
- 3.1.2.1.3 Profile Lookup
- 3.1.2.1.4 User Profile Edit
- 3.1.2.1.5 User Profile Associate Skill
- 3.1.2.1.6 User Profile Remove Skill
- 3.1.2.1.7 User Profile Notifications Lookup
- 3.1.2.1.8 Retrieve Users with Skill
- 3.1.2.1.9 Approve User

3.1.2.2 Venture Services

- 3.1.2.2.1 Create New Venture
- 3.1.2.2.2 Lookup Venture
- 3.1.2.2.3 Edit Venture Information
- 3.1.2.2.4 Request Meeting
- 3.1.2.2.5 Add User Membership
- 3.1.2.2.6 Remove User Membership

3.1.2.3 Companies

- 3.1.2.3.1 Create Company
- 3.1.2.3.2 Modify Company
- 3.1.2.3.3 Offer Resource
- 3.1.2.3.4 Remove Resource Offering
- 3.1.2.3.5 Add Resource Request
- 3.1.2.3.6 Remove Resource Request

3.1.2.4 Resources

- 3.1.2.4.1 New Resource
- 3.1.2.4.2 New Resource Request
- 3.1.2.4.3 Search for Resource

3.1.2.5 Notifications

- 3.1.2.5.1 Create New Notification

3.1.2.6 Admin

- 3.1.2.6.1 Add Domain Whitelist
- 3.1.2.6.2 Remove Domain Whitelist

- 3.1.2.6.3 Add Test User
    - 3.1.2.6.4 Deactivate Test User
- 3.1.3 User Interface
  - 3.1.3.1 Users
    - 3.1.3.1.1 Registration
    - 3.1.3.1.2 Login
    - 3.1.3.1.3 Profile
    - 3.1.3.1.4 Profile Edit
  - 3.1.3.2 Ventures
    - 3.1.3.2.1 Create
    - 3.1.3.2.2 Modify
    - 3.1.3.2.3 Profile
  - 3.1.3.3 Job Board
    - 3.1.3.3.1 Resource Search
    - 3.1.3.3.2 Resource Request
    - 3.1.3.3.3 Resource Offer
  - 3.1.3.4 Companies
    - 3.1.3.4.1 Create
    - 3.1.3.4.2 Modify
    - 3.1.3.4.3 Profile
  - 3.1.3.5 Administration
    - 3.1.3.5.1 Edit User Whitelist
    - 3.1.3.5.2 Test User Create
    - 3.1.3.5.3 Send Notification