

Lab 2 Section 3.1 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 Resources
 - 3.1.1.3.1 Resource Table
 - 3.1.1.3.2 Resource Availability Table
 - 3.1.1.3.3 Resource Request Table
- 3.1.1.4 Companies
 - 3.1.1.4.1 Company Table
 - 3.1.1.4 Company User Map Table
 - 3.1.1.4 Company Role Table
- 3.1.1.5 Skills Table
- 3.1.1.6 User Skill Map Table
- 3.1.1.7 Category Table
- 3.1.1.8 Ventures Table
- 3.1.1.9 Job Board Table

3.1.2 Web Service (API)

- 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
 - 3.1.2.2.5 Request Meeting
 - 3.1.2.2.6 Add User Membership
 - 3.1.2.2.7 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
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 - 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
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 - 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