**System Design**

Team:

Coding Lads

Members:

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Frontend CRC:

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| **App** |
| Responsibility: Routing between the main web pages |
| Collaborator:  Sidebar, Landing, SignIn, SignUp, UserDashboard, OrgDashboard, ExploreOpportunities, ManageOpportunities,, ExploreCourses, ManageCourses, Community, Billing, UserContextProvider, PrivateRoute |
| Parent Class: None |
| Child Class(es): None |

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| **UserContextProvider** |
| Responsibility: Provides context for signed in user’s web pages. |
| Collaborator: |
| Parent Class: None |
| Child Class(es): None |

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| **PrivateRoute** |
| Responsibility: Routes between signed in user’s web pages. |
| Collaborator:  UserContextProvider |
| Parent Class: None |
| Child Class(es): None |

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| **Sidebar** |
| Responsibility: Display options for users to navigate to different tabs |
| Collaborator:  UserContextConsumer |
| Parent Class: None |
| Child Class(es): None |

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| **SignUp** |
| Responsibility: Web page for user to sign up |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **SignIn** |
| Responsibility: Web page for user to sign in |
| Collaborator:  UserContextProvider |
| Parent Class: None |
| Child Class(es): None |

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| **Dashboard** |
| Responsibility: Displays calendar events, current courses, suggested events, and news |
| Collaborator:  UserContextConsumer |
| Parent Class: None |
| Child Class(es): None |

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| **Calender** |
| Responsibility: Displays a calender with user-created events on it |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **News** |
| Responsibility: Display any news related to the user |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **Workshop** |
| Responsibility: Display workshop events that the user is part of |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **YourCourses** |
| Responsibility: Display courses that the user is part of |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **ExploreOpportunities** |
| Responsibility: Display listing of available employment, volunteer, and consulting opportunities |
| Collaborator:  OpportunityCard |
| Parent Class: None |
| Child Class(es): None |

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| **MyOpportunities** |
| Responsibility: Display listing of employment, volunteer, and consulting opportunities that user applied for (if impact learner/consultant) or created (if social initiative) |
| Collaborator:  OpportunityCard |
| Parent Class: None |
| Child Class(es): None |

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| **OpportunityCard** |
| Responsibility: Display title and description of a particular opportunity |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **CreateOpportunity** |
| Responsibility: Page for social initiatives to create a new opportunity. |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **ManageOpportunity** |
| Responsibility: Page for social initiatives to manage an existing opportunity. |
| Collaborator: None |
| Parent Class: None |
| Child Class(es): None |

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| **ExploreCourses** |
| Responsibility: Displays a list of courses that users can enroll in. |
| Collaborator: |
| Parent Class: None |
| Child Class(es): None |

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| **MyCourses** |
| Responsibility: Displays a list of enrolled courses that users can click into for more information. |
| Collaborator: |
| Parent Class: None |
| Child Class(es): None |

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| **Community** |
| Responsibility: Displays a forum for each course user is enrolled in. |
| Collaborator: |
| Parent Class: None |
| Child Class(es): None |

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| **Billing** |
| Responsibility: Displays earnings and invoices. |
| Collaborator: |
| Parent Class: None |
| Child Class(es): None |