Group Capstone Project Contract

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| Group Member Names: | Tyler Segovia, Peter Rudolf, Mathew Migliore, Kevin Romero |
| Project Name: | QuickGig |

All group members must **individually** submit an **identical copy** of this contract; this is done to ensure all involved parties agree to the terms stated at the very end of this document.  
Failure to individually submit this document in the timeframe specified by the instructor carries a minimum penalty of an assigned grade of 0 for the Capstone Project Contract.

Describe the project you will be completing:

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| For this project we want to create an app that works like Kijiji (local) and Fiber (gig wise) for users for postings and like indeed for job requests, for people looking to either make a quick buck by doing a quick job like mowing lawns or find a career. We want both the person hiring and the person being hired to make bids on small jobs, you need your lawn cut? Post a picture and specifications of the job you want! People will make bids on how much they are willing to do the work for and you get to choose the best bid. This decision can be based on reviews made about that worker or employer. The app will also notify you based on your profile, jobs that are posted that you would be interested in. The employer will also have various options that allow their gig to be seen on the map and whether the worker can post a bid on the job. Furthermore, we might want to include transactions being done through the app, where the employer puts down their credit card or a balance, and when the job is complete the worker will post a photo of their job and request the money. Both the employer and the employee will have a layer of security for them to get paid when the job is complete, or the employer to ensure that their money is not stolen if the job is not done, or something has been done incorrectly. Without ever having to interact with each other.  Our goal is to create a web app for finding jobs (think Indeed.com, but with a broader scope of short-term jobs and gigs). Both the person hiring and the person applying can make bids on small jobs. For example, if you want your lawn cut, you can post a picture and the specifications of the job you want. People will then be able to make bids and off prices, and you can choose the offer you want. This decision can be based on reviews. This app will also notify you based on your profile if any new jobs would interest you. The employer will have various options that allow their gig to be seen on the map. Furthermore we might want to handle transactions through our app where the payment will be held by us until the job is complete. Both the employer and the employee will have the assurance that they will not be ripped off, and will experience a contactless exchange of money for service. |

For each group member, list their name, their email address (DCMail is fine), and one other contact method that all group members may utilize:

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| Tyler Segovia: email: tyler.segovia@dcmail.ca | discord: Termina1#2834 Peter Rudolf: email: peter.rudolf@dcmail.ca | discord: PeterRudolf#6103 Mathew Migliore: email: Mathew.migliore@dcmail.ca | discord: KeyLocker#4351 Kevin Romero: email: kevin.romerorodriguez@dcmail.ca | discord: ELCHAPOBUSMAN#2607 |

Which group member will be chiefly responsible for managing the project?

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| Kevin Romero |

If there is conflict or inequitable work distribution among the group members, what type of action will you take to solve this problem?

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| We will have weekly meetings, where we will talk about what we have been working on for the week, what we want to get done by next week, and who will be working on it. For the weekly meetings we will discuss what is working and what isn't working between us as group members, and if there is any conflict, we will work on changing the task that person is doing and who he is doing it with. We will try to understand what is happening and what isn't, but if the team member continues sabotaging the group on purpose, we will bring this up with the professor as soon as possible. |

How many hours do you expect to work on this project this semester as a group?

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| Individually we are aiming for 5 hours of class time and 10 hours of personal work time per week. So, we will each spend 15 hours on this project per week. With about 9 weeks left, that gives us 135 hours individually for the semester, and 540 hours total for the group.  Since this is something that we will want to showcase on our resumes, we will encourage working more hours. |

How often will your group hold meetings?

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| Weekly meetings every Friday after class on discord, and mid-week catch ups. |

We have a formal check-in planned for Week 6 which is worth 5% of your mark in this course. What does your group expect to have done for this check-in?

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| We expect to have the main page, login, register, post, and profile working, and we expect to start the main features like NLP by this period. |

For this check-in planned for Week 6, how does your group feel your work on this project should be assessed for 5% of your mark in this course?

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| Main Page:  - Working Navbar  - Displaying content (such as welcome Message)  - Footer Login:  - A nice looking login Form   - Be able to Login (basic to none input validation)  - redirection to main page. Register:  - A nice looking Register Form  - Be able to Register (basic input validation)  - Redirection to main page Create post:  - create posts page design and layout set  - backend started but not functional Post:   - posts page design and layout set  - backend started but not functional review-replies/offers:   - View replies/offers page design and layout set  - backend started but not functional search-posts:  - Search posts design and layout set  - backend started but not functional Profile:   - posts page design and layout set  - backend started but not functional NLP:   - Use of basic Entity extraction from documents started but not hooked up on the website.   Database:   - Database communicating with the backend  - Most Database tables created  - Some testing data created.  Planning:  - Project Plan Complete  - Project needed diagrams and report created. |

We have a second formal check-in planned for Week 8 which is worth 5% of your mark in this course. What does your group expect to have done for this check-in?

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| We expect to have most pages working with minimum bugs, we expect the text extraction to be semi functional, and the video demo will start around this time. |

For this check-in planned for Week 8, how does your group feel your work on this project should be assessed for 5% of your mark in this course?

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| Main Page:5%  - Working Navbar  - Displaying content (such as welcome Message and the layout to display posts)  - Footer Login:5%  - Semi Complete form  - Display Errors Register:5%  - Semi Complete Form  - Display Errors Create Post:5%  - A nice looking create post form Post: 5%  - A nice looking posts page design and layout created  review-replies/offers: 5%  - A nice looking View replies/offers page design and layout created  search-posts:5%  - A nice looking search page design and layout set Profile: 5%  - A nice looking profile page design and layout created  Database: 25%  - Most if not all Database tables created  Planning:25%  - Project Plan Reviewed Complete (if needed)  - Project needed diagrams and report Reviewed Complete (if needed).  Deploying/Hosting:5%  - Looking into Deploying/Hosting on a real online hosting service like aws/netifly with a domain name started.   Video/Demo:5%  - The creation of the video/demo will start around week 8 – week 9 |

What does your group expect to have done and demonstrable or sharable by Week 9, which is when our external panel visit is planned?

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| We expect all used pages to be complete, video demo/trailer/presentation to be complete, and the nlp features to work at least at basic level. |

We have a final meeting and/or demonstration planned for weeks 11 and 12 which is when your final deliverable, worth 25% of your mark in this course, will be reviewed. How does your group feel your work on this project should be assessed at this point?

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| Main Page:  - Completed Navbar  - Displaying content (such as welcome Message and posts)  - Footer Login:  - Complete form  - Be able to Login (with extent validation)  - Display Errors  - redirection to main page. Register:  - Complete Form  - Be able to Register (With extent validation)  - Display Errors  - Registration confirmation sent to email (prototype if functional implemented)   - Redirection to main page Create Post:  - Complete post form  - Most if not all options given  - Validation for input and saves to database Post:   - View posts page complete  - All buttons on page working  review-replies/offers:   - Review replies/offer page complete  - All buttons and inputs in page working  - Algorithm to order from best to worst choice/offer functional  search-posts:  - Complete search post page   - Ability to looking for records in database.  - Ability to display given records  Profile:   - Profile Page complete   - All buttons and inputs in page working  - The ability to post and view reviews near or complete and with error validation. NLP:   - Use of basic Entity extraction from documents started and should be working on page  - basic Reading worker’s most interacted activity.  - The Entities used should be used to display recommended posts with similar activity as the user’s and display on front page.  Database:   - Database communicating with the backend  - All tables needed for pages completed (should reflect report)  - Needed Mock data created.  Planning:  - Project Plan Reviewed Complete (if needed)  - Project needed diagrams and report Reviewed Complete (if needed).  Deploying/Hosting:  - If hosting successful page should be deployed and hosted on a public accessible website  - If hosting unsuccessful page should work on local server and proof of attempt to deploy and host should be provided and reasons (like ran out of time) should be given.   Video/Demo:  - Video/Demo should be complete and all members should be ready to present. |

How do you plan to demonstrate, publish or distribute your project when it is complete?

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| We will have to host it online probably using asw or netifly, we would also need to buy a domain. To demonstrate it, we plan on making a professional video demo/trailer to show it off. To distribute it, it is a web app so people can search it up, we plan on sharing it mainly through social media. |

To receive the grade for this contract and for it to act as valid, each group member must submit this same contract document to DC Connect.

By submitting this document via DC Connect, all group members agree to

* communicate effectively with the rest of the group;
* treat the beliefs and opinions of other group members with respect;
* make the group aware of any issues that are impacting timelines;
* attend all group meetings, or provide reasonable notice and make up any missed work when this is not possible;
* provide constructive feedback on other group members’ contributions, and
* complete all work by agreed upon deadlines

In the event that a group is choosing to dismiss a member (or disband entirely), this decision must be made unanimously by the other group members and it must be based on evidence of contradictions to the rules stated above or an unresolvable conflict. A dismissed group member will be permitted to take their contributions with them, but will be required to complete the rest of the project on their own. Dismissals must be discussed with and approved by the instructor.

By submitting this document via DC Connect, all group members agree to take responsibility for completing this project as specified above and in their Capstone Project Proposals according to the timelines and assessment standards described above. The instructor agrees to oversee and advise on that work during this course, and to attempt to assess the work presented by the group using any assessment criteria specified in this contract (upon its approval).