**USE CASE DESCRIPTION**

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| **Identifier** | | UC-01 | | |
| **Name** | | Profile Verification | | |
| **Purpose** | | This feature will ensure that only students are using the platform. | | |
| **Actors** | | Client, Freelancer | | |
| **Pre-conditions** | | The Client/Freelancer account should exist | | |
| **Post-conditions** | | The Client/Freelancer will be verified and will now be able to use the web app freely. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| **1** | The Client/Freelancer has created an account. | | **1.1** | The request for profile verification will automatically be added to the queue. |
| **Exceptions**  If student verification fails, the account holder will get a notification and the account will be deleted after 1 day. | | | | |

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| **Identifier** | | UC-02 | | |
| **Name** | | Create Posts | | |
| **Purpose** | | This will enable clients to post work that they want done. | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | 1. Clients have a verified account | | |
| **Post-conditions** | | The client will have posted his work which can be viewed by the freelancers | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| **1**  **2** | The client has clicked Create Post  The Client has clicked Submit Post | | **1.1**  **2.1**  **2.2** | The client is presented with a form which will be filled with information about the work.  The post will be submitted and checked by the system.  The post will be displayed on the website. |
| **Exceptions**  If Client doesn’t fill the form properly or completely then the form will be discarded. | | | | |

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| **Identifier** | | UC-03 | | |
| **Name** | | Search/View Posts | | |
| **Purpose** | | The freelancers can search and view posts created by clients using tags. | | |
| **Actors** | | Freelancer | | |
| **Pre-conditions** | | 1. Freelancers have a verified account | | |
| **Post-conditions** | | The freelancer will see all available posts fitting the tags they have searched | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| **1**  **2** | Freelancer clicks the search bar  Freelancer will type the tags they want to search and press enter | | **1.1**  **2.1** | Search Bar will expand  All posts fitting the tags will be displayed to the freelancers |
| **Exceptions** | | | | |

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| **Identifier** | | UC-04 | | |
| **Name** | | Bid on Posts | | |
| **Purpose** | | This will allow freelancers to interact with client posts and clients will be able to see the rate offered by the freelancer and their profile. | | |
| **Actors** | | Freelancer | | |
| **Pre-conditions** | | 1. Freelancer have a verified account 2. Freelancer is viewing a post | | |
| **Post-conditions** | | The bid will be stored in the database and accessible to the client. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| **1** | The freelancer filled in the bid form and submitted. | | **1.1** | The bid is stored in the database. |
| **Exceptions**  If the freelancer enters an invalid bid the system will not accept it. | | | | |

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| **Identifier** | | UC-05 | | |
| **Name** | | Check Post Bidders | | |
| **Purpose** | | This will allow the clients to view all the bidders and see their profiles | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | 1. Client has a verified account. 2. Client has an active posting | | |
| **Post-conditions** | | The client will be able to chose a freelancer for the work. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| **1**  **2** | The client clicked view bids  The client picked a freelancer | | **1.1**  **2.1** | All bids and the freelancers linked with the bids were displayed.  The respective freelancer will be notified. |
| **Exceptions** | | | | |

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| **Identifier** | | UC-06 | | |
| **Name** | | Negotiate Work Contract | | |
| **Purpose** | | This will allow the clients and the freelancer to negotiate with each other for the project. | | |
| **Actors** | | Client  Freelancer | | |
| **Pre-conditions** | | 1. The client has a verified account. 2. The freelancer has a verified account. 3. The client may or may not have posted a post. 4. The freelancer may or may not have bid on the post. | | |
| **Post-conditions** | | The client and the freelancer might be able to finalize the contract. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.**  **3.**  **4.**  **5.**  **6.**  **7.**  **8.**  **9.** | **Actor Action**  The Client will talk to the freelancer.  The Client will inquire about the deadline meetup.  The Client will click on generate a contract.  The Client will add conditions to it.  The Client will sign the contract.  The freelancer will talk about his demand and the time required.  The freelancer will agree on the deadline.  The freelancer will add his conditions as well.  The freelancer will sign it. | | **S#**  **1.1**  **2.1**  **3.1**  **4.1**  **5.1**  **6.1**  **7.1**  **8.1**  **9.1** | **System Response**  The system will show it to just that freelancer.  The system will show it to the freelancer.  The system will generate the contract.  The system will show it to the freelancer.  The system will update it to the contract.  The system will show it to the client.  The system will show it to the client.  The system will show it to the client.  The system will update it to the contract and send a copy to the freelancer, client, and admin. |
| **Exceptions:**  The Client will not agree to the amount and the contract will not be signed.  The Freelancer will not agree to the amount and the contract will not be signed.  The Freelancer will not agree to the deadline and the contract will not be signed. | | | | |

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| **Identifier** | | UC-07 | | |
| **Name** | | Update Project Progress | | |
| **Purpose** | | This will allow the freelancers to update about their ongoing project so that respective clients can keep track of the project. | | |
| **Actors** | | Freelancer | | |
| **Pre-conditions** | | 1. The freelancer should have a contract with the client. | | |
| **Post-conditions** | | The client will be able to check progress during the project. | | |
| **Dependencies** | | UC-06 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.** | **Actor Action**  The freelancer will click on the update project progress.  The freelancer will add new updates. | | **S#**  **1.1**  **2.1**  **2.2** | **System Response**  The system will show the chart bar/ percentage thing about the project.  The system will update it for both client and freelancer  The system will give a notification to the client about it. |
| **Exceptions:** The Freelancer will update nothing throughout the project. | | | | |

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| **Identifier** | | UC-08 | | |
| **Name** | | Submit Work | | |
| **Purpose** | | This will allow the freelancer to submit the work after completion. | | |
| **Actors** | | Freelancer | | |
| **Pre-conditions** | | 1. The freelancer has a contract with the client. | | |
| **Post-conditions** | | The client will get it and will be able to approve it. | | |
| **Dependencies** | | UC-06 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.** | **Actor Action**  The Freelancer will click on submit work.  The freelancer will submit work. | | **S#**  **1.1**  **2.1** | **System Response**  The system will show the page of submit work.  The system will update it and notify the client. |
| **Exceptions:** The freelancer will not submit the work even after deadline. | | | | |

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| **Identifier** | | UC-09 | | |
| **Name** | | Give Feedback | | |
| **Purpose** | | This will allow the clients and the freelancers to give reviews about each other. | | |
| **Actors** | | Client  Freelancer | | |
| **Pre-conditions** | | 1. Both the client and the freelancer have done a project with each other. | | |
| **Post-conditions** | | It will help the other clients and freelancers in choosing for their projects. | | |
| **Dependencies** | | UC-13 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.**  **3.**  **4.** | **Actor Action**  The Client will click on give feedback.  The Client will add feedback.  The freelancer will click on give feedback.  The freelancer will add feedback. | | **S#**  **1.1**  **2.1**  **2.2**  **3.1**  **4.1**  **4.2** | **System Response**  The system will show feedback page.  The system will update it  The system will notify that freelancer.  The system will show feedback page.  The system will update it  The system will notify that client. |
| **Exceptions:** The client or freelancer will not submit the feedback. | | | | |

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| **Identifier** | | UC-10 | | |
| **Name** | | Withdraw Money | | |
| **Purpose** | | This will allow the freelancer to withdraw the money from their account. | | |
| **Actors** | | Freelancer | | |
| **Pre-conditions** | | 1. The Client has made his payment. | | |
| **Post-conditions** | | The freelancer will get his money. | | |
| **Dependencies** | | UC-14 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.**  **3.** | **Actor Action**  The freelancer will click on withdraw money.  The freelancer will add the amount to be withdrawn.  The Freelancer will confirm and click withdraw. | | **S#**  **1.1**  **2.1**  **3.1**  **3.2** | **System Response**  The system will show that page.  The system will ask for confirmation.  The system will withdraw amount.  The system will update it to transact history. |
| **Exceptions** | | | | |

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| **Identifier** | | UC-11 | | |
| **Name** | | Search Freelancer Account | | |
| **Purpose** | | This will allow the clients to view the account of any freelancer they want. | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | 1. Client has a verified account. | | |
| **Post-conditions** | | The client will may ask that freelancer for the work. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.** | **Actor Action**  The client will click on search bar.  The client will type name of freelancer. | | **S#**  **1.1**  **2.1** | **System Response**  The system will ask to search.  The system will show that freelancer profile. |
| **Exceptions:** That freelancer account does not exist any more either deleted by system or freelancer himself. | | | | |

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| **Identifier** | | UC-12 | | |
| **Name** | | Mediate Contract Completion | | |
| **Purpose** | | This will allow the admin to jump in between the client and the freelancer to solve their dispute. | | |
| **Actors** | | Admin | | |
| **Pre-conditions** | | 1. The client and the freelancer are unable to communicate about their project quality or payment. | | |
| **Post-conditions** | | The client and the freelancer will be able to something about their project | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.**  **3.** | **Actor Action**  The admin will click on mediate.  The admin will ask both client and freelancer to join it.  The admin will give suggestions. | | **S#**  **1.1**  **2.1**  **3.1**  **3.2** | **System Response**  The system will show that page.  The system will notify them both.  The system will show them both.  The system will notify admin about they both will agree. |
| **Exceptions** | | | | |

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| **Identifier** | | UC-13 | | |
| **Name** | | Approve Work | | |
| **Purpose** | | This will allow the clients to project they got done by the freelancer. | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | 1. The freelancer has submitted the work. | | |
| **Post-conditions** | | The client will be able to pay the freelancer for his work. | | |
| **Dependencies** | | UC-08 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.** | **Actor Action**  The client will click on approve work.  The client will approve it. | | **S#**  **1.1**  **2.1**  **2.2** | **System Response**  The system will show that page.  The system will update it  The system will notify freelancer and admin. |
| **Exceptions:** The client will not approve work and will notify freelancer. | | | | |

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| **Identifier** | | UC-14 | | |
| **Name** | | Pay Contract Amount | | |
| **Purpose** | | This will allow the clients to pay for the project that they got done by the freelancer. | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | 1. The freelancer has submitted the work. 2. The Client has approved the work. | | |
| **Post-conditions** | | The freelancer will get the payment. | | |
| **Dependencies** | | UC-13 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.**  **3.** | **Actor Action**  The client will click on pay amount.  The client will add the amount.  The client will confirm | | **S#**  **1.1**  **1.2**  **2.1**  **3.1**  **3.2** | **System Response**  The system will show it.  The system will ask about payment to pay.  The system will ask for confirmation.  The system will update it  The system will notify freelancer. |
| **Exceptions** | | | | |

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| **Identifier** | | UC-15 | | |
| **Name** | | Check Project Progress | | |
| **Purpose** | | This will allow the clients to view the progress of the project that they assigned to the freelancer. | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | 1. The client has posted a post for the project. 2. The client has a contract with the freelancer. | | |
| **Post-conditions** | | The client will be able to keep track of the project. | | |
| **Dependencies** | | UC-07 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.** | **Actor Action**  The client will click on check progress. | | **S#**  **1.1** | **System Response**  The system will show it. |
| **Exceptions:** There will be no progress updated so cant view. | | | | |

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| **Identifier** | | UC-16 | | |
| **Name** | | Chat with Client/Freelancer | | |
| **Purpose** | | This will allow the clients to view all the bidders and see their profiles | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | The client has verified account  The freelancer have verified account. | | |
| **Post-conditions** | | The client and the freelancer will be able to complete the project in a better way. | | |
| **Dependencies** | | UC-01 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.** | **Actor Action**  The client will message freelancer.  The client will message freelancer. | | **S#**  **1.1**  **1.2**  **2.1**  **2.2** | **System Response**  The system will update it  The system will notify freelancer.  The system will update it  The system will notify freelancer. |
| **Exceptions** | | | | |

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| **Identifier** | | UC-17 | | |
| **Name** | | Give Deadline Reminder | | |
| **Purpose** | | This will allow the freelancers to be reminded of deadline. | | |
| **Actors** | | Admin | | |
| **Pre-conditions** | | The freelancer has a contract. | | |
| **Post-conditions** | | The freelancer will complete work on time. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.** | **Actor Action**  The admin will click on it. | | **S#**  **1.1**  **1.2** | **System Response**  The system will update it  The system will notify freelancer. |
| **Exceptions** | | | | |

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| **Identifier** | | UC-18 | | |
| **Name** | | View Feedback | | |
| **Purpose** | | This will allow the clients and freelancers to see others feedbacks. | | |
| **Actors** | | Client | | |
| **Pre-conditions** | | The client has verified account  The freelancer has verified account | | |
| **Post-conditions** | | The client and the freelancer can choose each other in a better way. | | |
| **Dependencies** | |  | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#**  **1.**  **2.** | **Actor Action**  The client will click on view feedback.  The freelancer will click on view feedback. | | **S#**  **1.1**  **2.1** | **System Response**  The system will show it  The system will show it |
| **Exceptions:** no feedback updated for searched. | | | | |