GROUP ASSIGNMENT (Sprint 1 Documentation)

LEVEL 5

COMP50001-2 – Commerical Computing 2

IF2161SE

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1.0 Introduction

This the sprint one documentation which consist of Use Case Diagrams, Activity Diagrams, Mockup Diagrams (Wireframes), Code Snippets, Web Page Interface Screenshots and Test Cases. The Web Application was built using the **CodeIgniter 4 Framework** and we followed the MVC Architecture for building this website. The Project files along with the MYSQL Database file is uploaded on GitHub and can be accessed via the following link:

https://github.com/FaiqueMZM/futureseekerslk

2.0 Sprint 1 Tasks and User Stories

Task	User Story
Developing and designing landing page for futureseekers.lk web application	**As a** user of FutureSeekers.lk **I want** to be directed to a lading page when I visit the site, **So that** I can easily login or register myself.
Developing Admin portal with basic features	**As an** admin **I want** to have a separate portal/interface with administrative privileges, **So that** I can perform administrative tasks
Developing registration and login feature for companies and job seekers	**As an** Employer **I want** to be able to login/register myself into the system, **So that** I can post job advertisements **As a** Job Seeker **I want** to be able to login/ register myself into the system, **So that** I can search and apply for jobs through the system.
Developing and designing a homepage for jobseekers and companies	**As** an Employer **I want** to be able to view the homepage once I login to the system, **So that** I can easily perform my functions. **As** a Job Seeker **I want** to be able to view the homepage once I login to the system, **So that** I can easily perform my functions

Developing profile verification feature for admin	**As an** admin **I want** to be able to verify (approve/reject) profiles of job seekers and company employers', **So that** the site would only contain credible profiles.
Developing 'Edit profile' feature for companies and jobseekers	**As a** Job Seeker **I want** to be able to edit my profile such as changing my address, **So that** I can keep my profile information up to date. **As a** Company **I want to** be able to edit my profile such as changing the details of the Employer representing the company, **So that** I can keep my profile information up to date

3.0 Workload Matrix

Tasks	Description	Assignee	Due date	Status	Effort (Days spent)
Use case specification	Use cases are used to explain the behavior of the system. Use cases Use cases will show actors of the system, their relationships.	Kavin	2021.09.01	Done	1 day
Drawing activity diagrams	An activity diagram helps explain a certain use case. It will explain the flow of activities through a system.	Kavin Musharraf	2021.09.04	Done	2 days
Designing wireframes	Wireframes are two-dimensional illustration of a page's interface. It helps when	Kavin Musharraf	2021.09.04	Done	3 days

	designing the web page.				
Developing landing page and styling	Landing page is the first webpage of the website. This page will give the user choice of login or register.	Inaas Kavin	2021.09.06	Done	2 days
Developing login and registration functions with proper validations and styling	This function will allow user to register as an applicant, an employer and the employer can register his/her company	Inaas Kavin Musharraf	2021.09.13	Done	3 days
Developing basic admin portal	This is the main page of admin portal where admin will do website related taks	Inaas Kavin Musharraf	2021.09.13	Done	2 days
Profile verification	This function will allow the admin to accept or reject profiles that are registered.	Inaas Kavin	2021.09.12	Done	2 days

Edit profile	This function will allow users to edit their profiles	Inaas Kavin Musharraf	2021.09.13	Done	2 days
Testing landing page	Checking if the buttons are working, if button clicks are leading user to correct pages, if the web site is working on mobile devices	Tharindhu	2021.09.14	Done	3 days.
Testing Registration and login	Checking if the data which are gotten from users are used and handled properly.	Tharindhu	2021.09.16	Done	2 days
Testing edit profile function	Checking if the data in databases changes when user edits their details	Tharindhu	2021.09.16	Done	3 days
Testing admin portal	Checking if the admin can enter the admin portal and do	Tharindhu	2021.09.16	Done	3 days

	admin related tasks				
Testing profile verification function	Checking if the admin can accept or reject users from the website	Tharindhu	2021.09.16	Done	3 days

4.0 Project Charter

4.1 Background

This is a web platform that provides services for companies and job seekers. Companies can post a job opportunity while job seekers can apply for those job opportunities. Both companies and job seekers must create a user profile. There will be an administrator dashboard for administrative functions.

4.2 Goals

This platform aims to create a modern, efficient and effective hiring experience for both companies and job seekers.

4.3 Scope

A web platform that helps companies and job seekers to get connected easily.

4.4 Key Stakeholders

Role	Name
Product Owner	Tharanga Peiris
Business Analyst	Mohanraj Kavinkumar Naidu
Scrum Master	Mohamed Azhar Musharraf
Developer	Mohamed Zakkeer Mohamed Faique Inaas
Quality Assurance engineer	Tharindu Darshaka Kathriarachchi

Table 1 Key Stakeholders

4.5 Project Milestones

Project Milestones	Milestone Delivery
Project Concept	End of the second week
Sprint 01	End of the fifth week
Sprint 02	End of the eighth week
Sprint 03	End of the eleventh week
Final Documentation/ Live Release	End of the twelfth week

Table 2 Project Milestones

4.6 Project budget

4.6.1 Available hosting and Domain plans

Item	Cost
AWS hosting	$150[per month]
Bluehost dedicated hosting	$119[per month]
Azure Virtual Machines	$22[per month]
.com domain from the register.lk	LKR2,000[per year]
.lk Domain from the register.lk	LKR3,000[per year]

5.0 The Work Break Down Structure
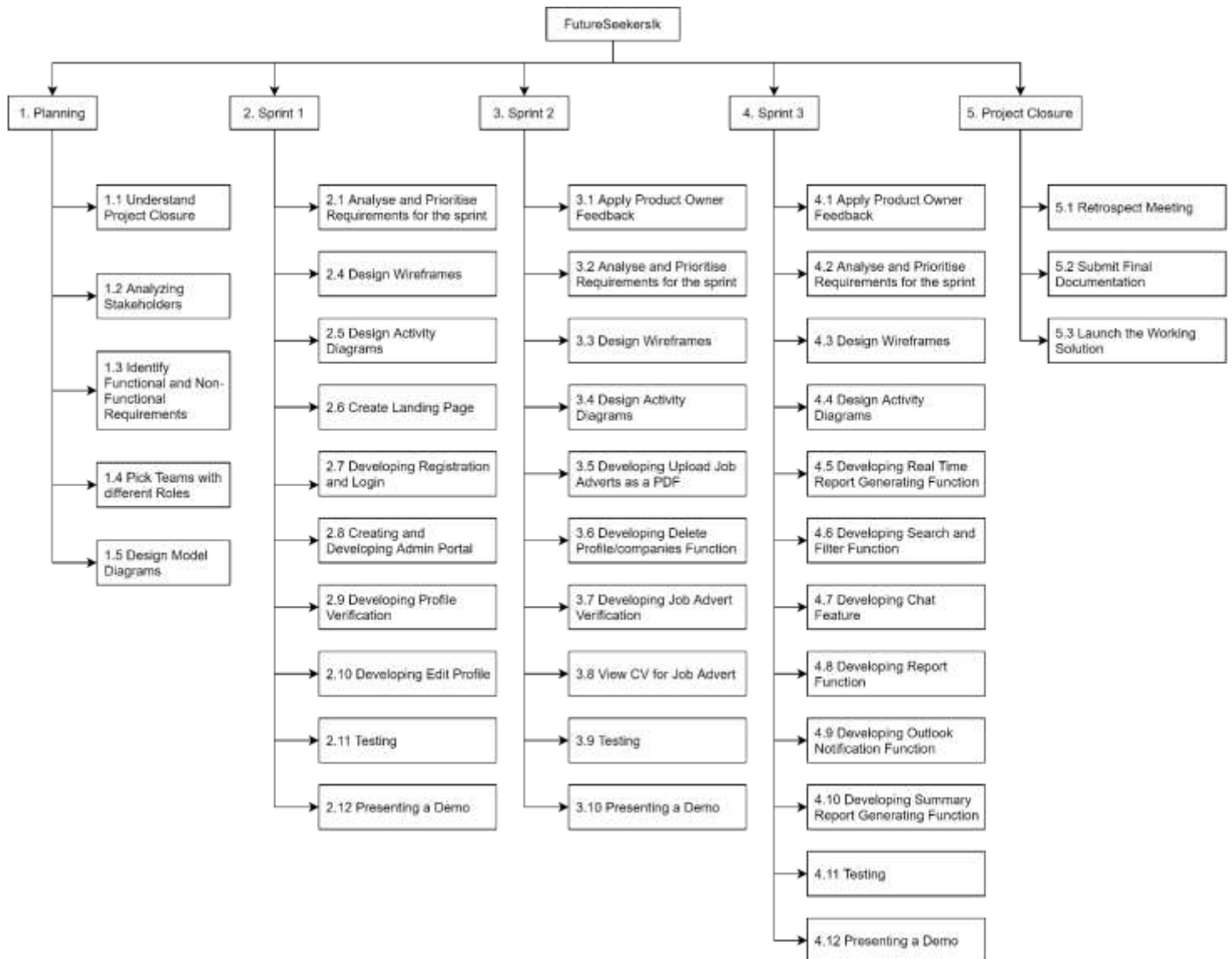
6.0 Sprint goal

The development of **Futureseekers.lk** web app has three sprints, and this is the end of first sprint. This Sprint covered the most important part of this project which is putting the foundation for development process of second sprint. The goal of this sprint is to have a working registration/login system, A database with tables which will store all the user details and company details and properly styled pages.

7.0 Functions carried out

- Registration and login

    This website has 3 types of users, which are Job seeker, Employer and Admin. The admin details are entered into the database manually. There isn't a page for admin registration. As for job seekers and employers they can register for this website by going to registration page and filling a form and submitting. Employers and Applicants have separate registration forms. After registering to the website all the user details will be saved in the database. The registered users has be verified by the admin to be able to edit their details again. If a user is already registered, they can use the username and password to login by entering the correct credentials.

- Developing Admin portal

    This website has admins to keep the website a safe place. The admin portal will have different features such as verifying profile, verifying job advertisements. In this sprint we have just created the interface without the functions.

- Profile verification

    This function is only available to admins. The admin can accept, reject or delete. The users won't be able to change anything in their profile until the admin verifies their profile.

- Edit profile

    After verification every user has the ability to change their details such as contact number, username etc.

8.0 Time Estimation

Activity Id	Activity	Predecessors	Duration
A	Use case specification	_	1 day
B	Designing wireframes	A	3 days
C	Drawing activity diagrams	A	2 days
D	Developing landing page and styling	B	2 days
E	Developing login and registration functions with proper validations and styling	C, B	3 days
F	Developing basic admin portal	E	2 days
G	Profile verification	F	2 days
H	Edit profile	G	2 days
I	Testing landing page	D	3 days.
J	Testing Registration and login	E	2 days
K	Testing edit profile function	H	3 days
L	Testing admin portal	F	3 days
M	Testing profile verification function	G	3 days

8.1 AOA diagram

8.2 AON Diagram

A: | 0 | A | 1 | / 3 / | 3 | 1 | 4 |

B: | 1 | B | 4 | / 4 / | 7 | 3 | 10 |

D: | 4 | D | 6 | / 6 / | 10 | 2 | 12 |

I: | 6 | I | 9 | / 6 / | 12 | 3 | 15 |

C: | 1 | C | 3 | / 3 / | 4 | 2 | 6 |

E: | 3 | E | 6 | / 0 / | 3 | 3 | 6 |

F: | 6 | F | 8 | / 0 / | 6 | 2 | 8 |

G: | 8 | G | 10 | / 0 / | 8 | 2 | 10 |

H: | 10 | H | 12 | / 0 / | 10 | 2 | 12 |

J: | 6 | J | 8 | / 0 / | 13 | 2 | 15 |

L: | 8 | L | 11 | / 4 / | 12 | 3 | 15 |

M: | 10 | M | 13 | / 0 / | 12 | 3 | 15 |

K: | 12 | K | 15 | / 0 / | 12 | 3 | 15 |
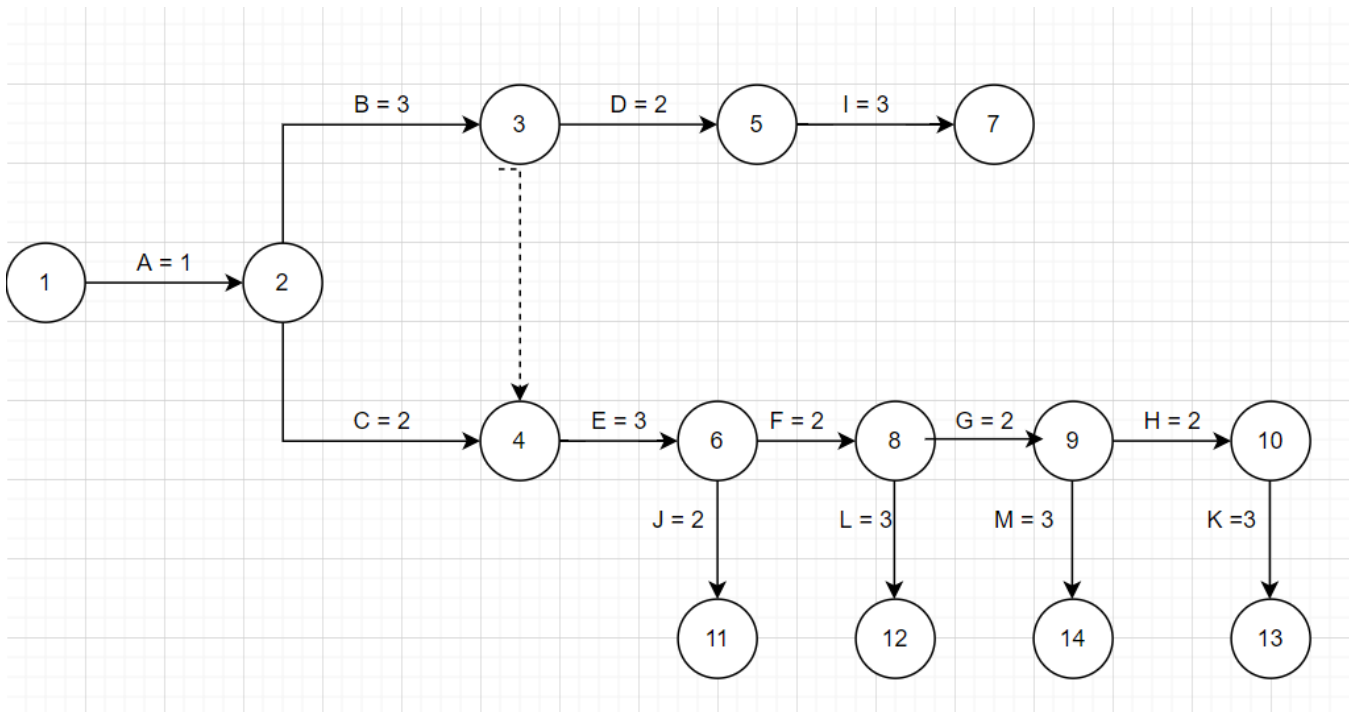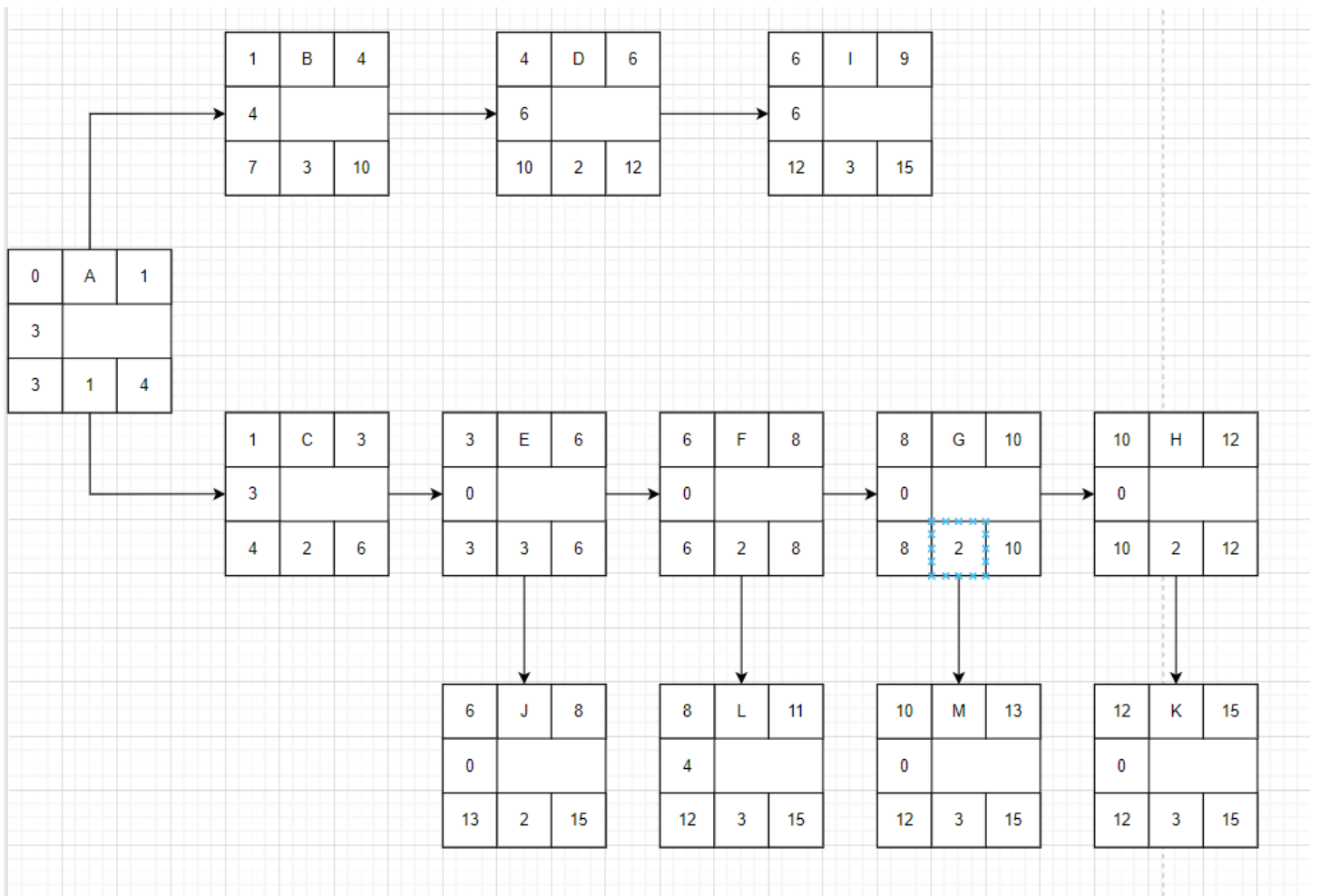
8.3 Gantt Chart
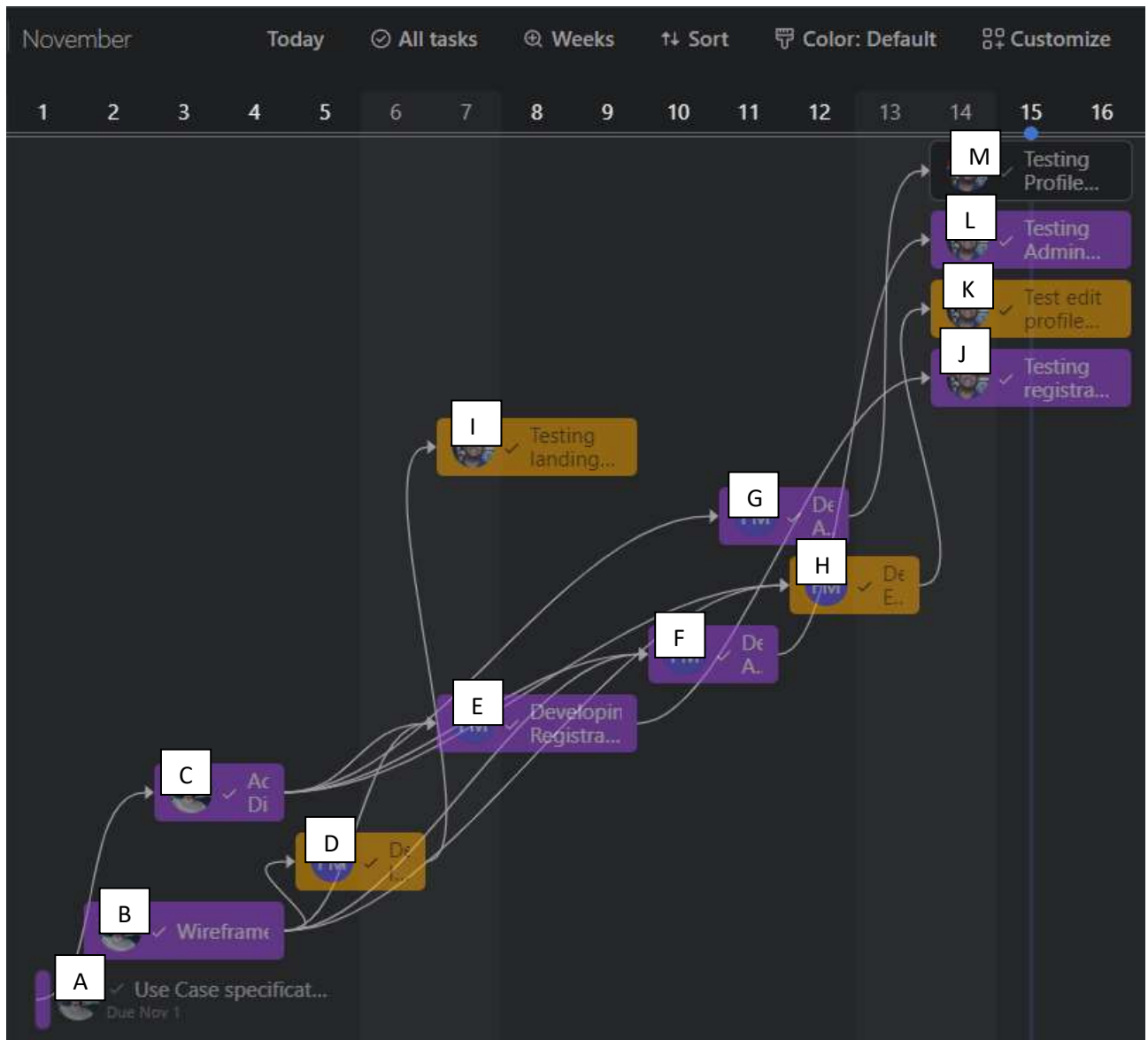
9.0 Use Case Diagram and Specification

Use Case Name	Create Profile
Description	Allows the Employer of a company to register himself into FutureSeekers.lk
Primary Actor	Employer
Pre-Conditions	None
Basic Flow	1. Use Case begins when the Employer clicks on the **'Register Now'** link from the Login Page of FutureSeekers.lk. (There would be 2 buttons in the login page, one for Applicant and one for Employer. 2. The user will be directed to the Employer registration page. 3. The Employer must enter his details such as Name, Contact Number, job position, email and the name of the Company. 4. In the Registration page there should be a message for the user: "After Registration, you're required to pay a fee of Rs 1,000 and send the receipt via email to futureseekers@gamil.com. Our Team will verify your profile within 24 hours and would send you a mail." 5. After the user clicks on **'Register Now'** button, the details are validated and are updated to the database and a success message must be shown on the page.
Extensions	After **'Register Now'** button is clicked, if the validation fails: 1. System would display a validation error message, for example 'Fields cannot be empty'. 2. Use case ends
Post Conditions	The User can login to the system and view the profile details but cannot edit the profile details unless the profile verification is completed by the Admin.
Optional Information	The Employer can only make a company profile **once the registration fee receipt is validated by FutureSeekerslk.**

Use Case Name	Login
Description	Allows the Employer to login to his account in order to perform his operations such as posting a job advert.
Primary Actor	Employer
Pre-Conditions	Employer must pay the registration fee and send the receipt to FutureSeekers.lk team, and the profile must be validated successfully for the profile to be registered in the system.
Basic Flow	1. Use Case begins when the Employer enters the valid credentials and clicks on the **'Login'** Button on the FutureSeekers.lk login page. 2. The username and the password are validated and queried with the database to find a match. 3. After successful validations, the User will receive a dialog box, 'Welcome Back!' and will be directed to the homepage (All Jobs Page) which would complete the use case.
Extensions	After **'Login'** button is clicked, if the user doesn't exist: System would display a validation error message, for example 'User Doesn't Exist!'. Use case ends.
Post Conditions	The Employer can only perform their functions once the profile is **verified by the FutureSeekers.lk team**. If the account verification is still on pending status, then the Employer temporarily gets limited privileges where he/she will **only be able to view the profile information.**
Optional Information	If the Employer is logging in for the first time, he/she will be required to create a **company profile** before they can post any job advertisements.

Use Case Name	Create Company Profile
Description	Allows the Employer to create his/her company profile.
Primary Actor	Employer
Pre-Conditions	Employer's profile must be successfully validated by the FutureSeekers.lk team and user must be logged in.
Basic Flow	1. Use Case begins when the user logs in successfully. 2. If the user logs in for the first time, then the user will be set to the 'My Profile' Page and prompted to fill in the details of his/her company such as Contact No, Email, Company Logo. 3. Once **'Save Changes'** button is clicked the details are sent to the database and the use case would with a Success Message.
Extensions	After **'Update Profile** button is clicked if the validation fails: 3. System would display a validation error message, for example 'Fields cannot be empty'. 4. Use case ends
Post Conditions	The Employer can view the Company Profile and will now be able to post job advertisements.
Optional Information	None

Use Case Name	Edit Profile
Description	Allows the Employer of a company to edit the company profile details or the employer details (In the case where the old employer leaves and a new one is required).
Primary Actor	Employer
Pre-Conditions	The Employer must be a verified user and logged in.
Basic Flow	1. Use case begins when the user clicks the **'My Profile'** button on the navigation bar. 2. The Company and the Employer details will be fetched from the database and displayed to the user. 3. The Employer will be able to update the details and once he/she has completed, would click on the **'Save Changes** Button. 4. The new details will be updated on the database and the use case would end with a Success Message.
Extensions	After **'Update Profile'** button is clicked, if the validation fails: 5. System would display a validation error message, for example 'Username already exists, Try a different one' 6. Use case ends
Post Conditions	The Employer would be able to view the updated profile details.
Optional Information	None

Use Case Name	Create Profile
Description	Allows the Job Seeker to register themselves into FutureSeekers.lk
Primary Actor	Job Applicant
Pre-Conditions	None
Basic Flow	6. Use Case begins when the Applicant clicks on the **'Register Now'** link from the Login Page of FutureSeekers.lk. (There would be 2 buttons in the login page, one for Applicant and one for Employer. 7. The user will be directed to the Applicant registration page. 8. The Applicant must fill his/her details such as Name, Address, email etc. 9. After the user clicks on **'Register Now'** button, the details are validated and are updated to the database and the use case would end with a Success Message.
Extensions	After **'Register Now'** button is clicked, if the validation fails: 1. System would display a validation error message, for example 'Fields cannot be empty'. 2. Use case ends
Post Conditions	The Applicant can login to the system and view the profile details but cannot edit the profile details unless the profile verification is completed by the Admin.
Optional Information	None

| Use Case Name	Login
Description	Allows the Job Seeker to login to his account in order to perform his operations such as applying for a job.
Primary Actor	Job Applicant
Pre-Conditions	The Applicant's profile must be verified successfully for the profile to be registered in the system.
Basic Flow	1. Use Case begins when the Applicant enters the valid credentials and clicks on the **'Login'** Button on the FutureSeekers.lk Login page. 2. The username and the password are validated and queried with the database to find a match. 3. After successful validations, the User will receive a dialog box, 'Welcome Back!' and will be directed to the Jobs Page which would complete the use case.
Extensions	After **'Login'** button is clicked, if the user doesn't exist: 1. System would display a validation error message, for example 'User Doesn't Exist!'. 2. Use case ends.
Post Conditions	The Applicant can only perform their functions once the profile is **verified by the FutureSeekers.lk team**. If the account verification is still on pending status, then the Applicant temporarily gets limited privileges where he/she will **only be able to view their profile information.**
Optional Information	None

Use Case Name	Edit Profile
Description	Allows the Job Applicant to edit his/her details.
Primary Actor	Job Applicant
Pre-Conditions	The Applicant must be a verified user and logged in.
Basic Flow	1. Use case begins when the applicant clicks the **'My Profile'** button on the navigation bar. 2. The Applicant details will be fetched from the database and displayed to the user. 3. The Applicant will be able to update the details and once he/she has completed, would click on the **'Save Changes** Button. 4. The new details will be updated on the database and the use case would end by displaying a Success Message.
Extensions	After **'Update Profile'** button is clicked, if the validation fails: 7. System would display a validation error message, for example 'Username already exists, Try a different one' 8. Use case ends
Post Conditions	The Applicant would be able to view the updated profile details.
Optional Information	None

| Use Case Name	View User Profiles
Description	Allows the Admin to view the user profiles (Employer and Applicant) and verify their profiles.
Primary Actor	System Admin
Pre-Conditions	There must be a **separate portal for the admin** to login and perform administrative tasks such as accepting or rejecting user profiles. The super admin's credentials will be permanently available and is added from the backend (database). Admin will not be able to delete any profile requests, however he/she can reject the requests. (The Delete Function only applies to the user profiles that are already accepted in the system.)
Basic Flow	1. Use case begins when the admin accesses the admin portal through the URL (by typing '/admin' after the root path). 2. The admin portal landing page must be displayed with username and password fields, and a **'Login Button'** 3. The Super admin will already be registered from the backend, so he/she would have to enter their credentials to gain access. 4. The username and password will be validated with the database and the admin will be directed to the **Administrative Summary Page.** 5. The admin will select the **'Manage Profiles'** drop-down button where there would be 2 options (Manage Applicant and Manage Employer). Clicking on one of these options would show the admin a table which lists all the new profile requests, verified users, rejected users, and deleted users. 6. The admin will have the privilege to perform the following: • Accept/Reject/Delete User profiles (Applicant and Employer). 7. The admin would have to click on a row within the table and then click on Accept/Reject/Delete Button. 8. Accepting a user profile means that the user's profile is verified successfully and vice versa. This status change would immediately get updated to the database.

|	
	9. Once a profile status is updated by the admin, they would then send an email to the relevant user acknowledging the registration which would complete the use case.
Extensions	After **'Login'** button is clicked, if the admin credentials are invalid: 9. System would display a validation error message, for example 'Invalid Credentials, you don't have administrative rights' 10. Use case ends
Post Conditions	The admin would be able to perform all the administrative tasks.
Optional Information	None

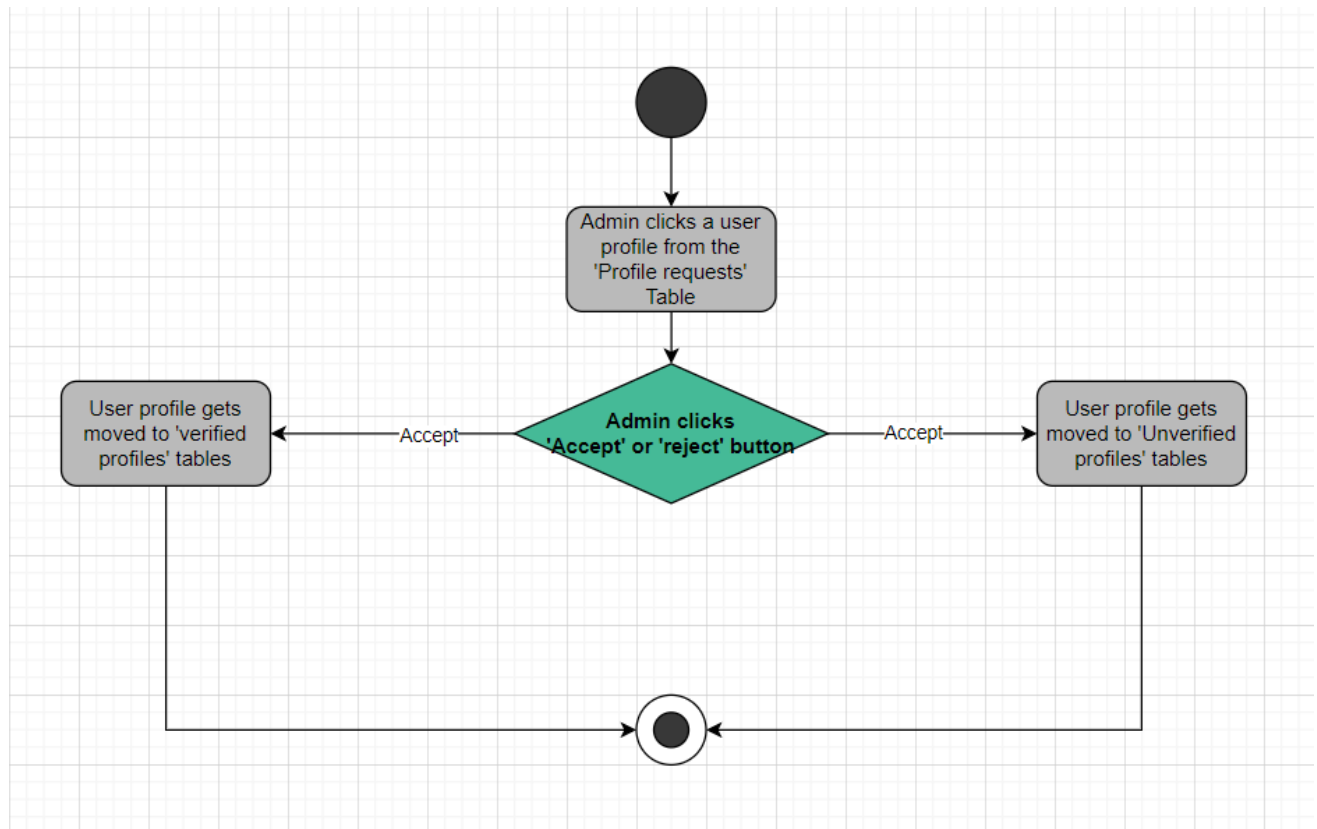# 10.0 Activity Diagrams

10.1 Login Function
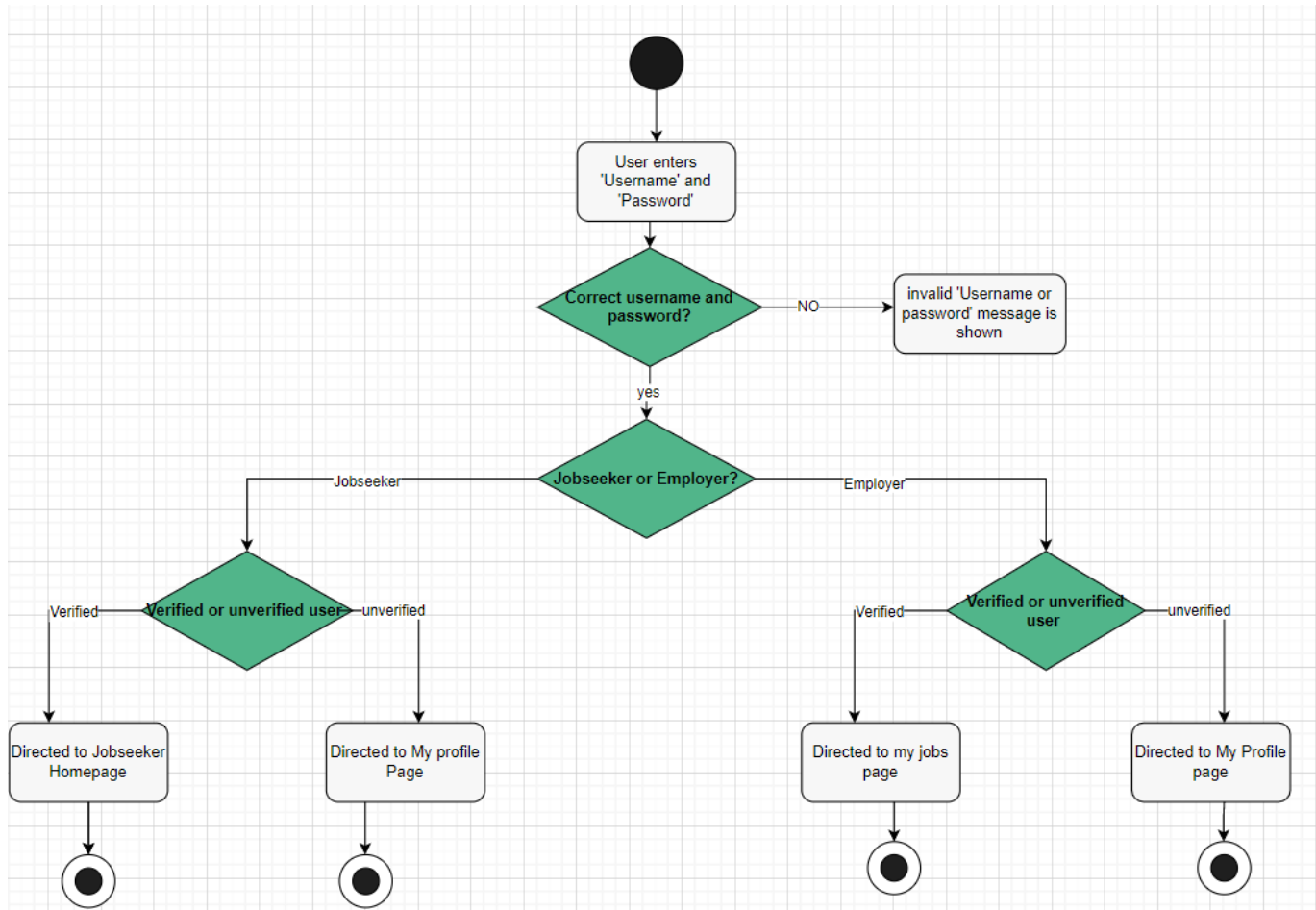
10.2 Register Function
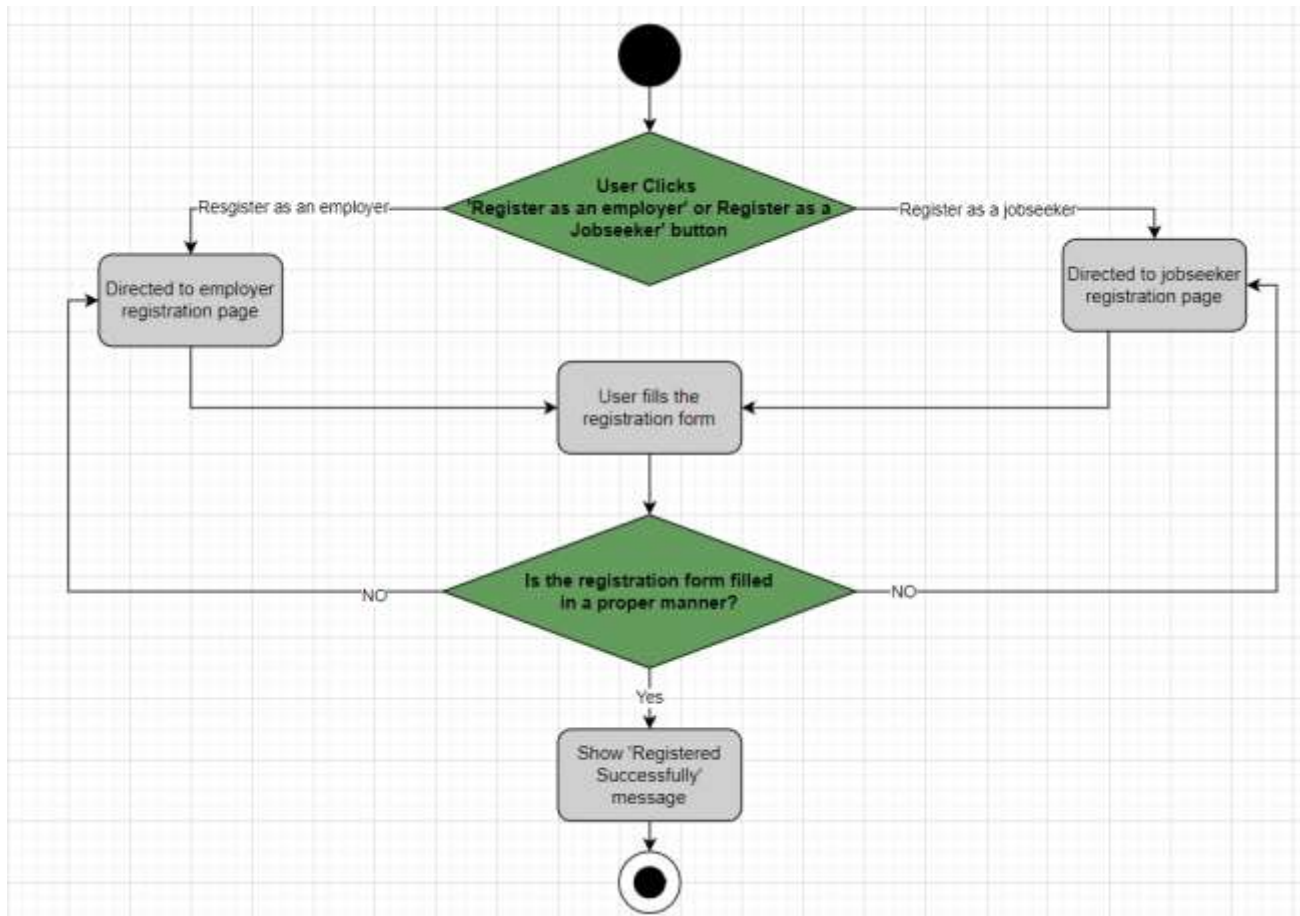
10.3 Edit profile function
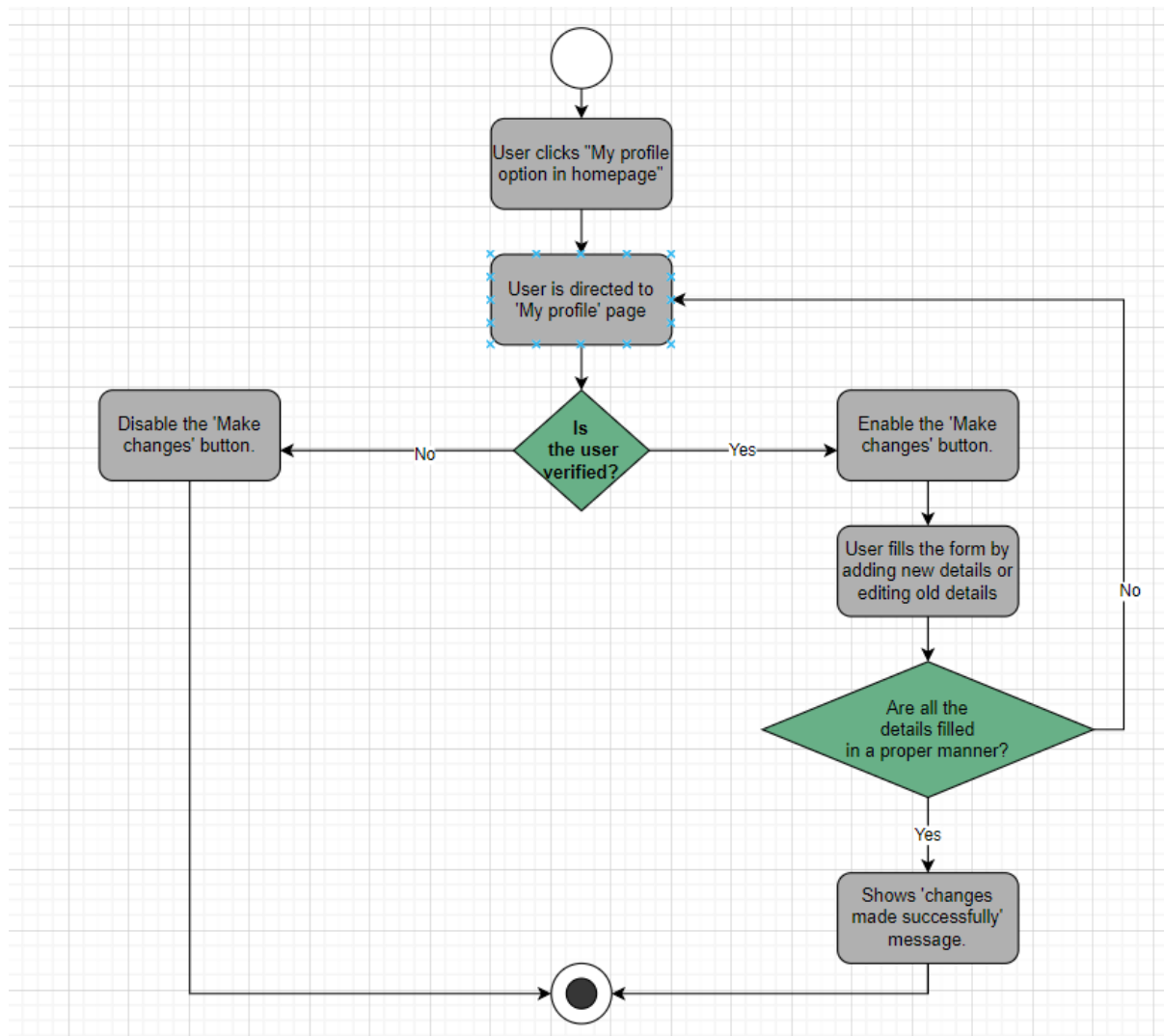
10.4 Profile verification

11.0 Implementation

11.1 Login function

```php
public function login()
{
    if(session()->get('user_id')!= null){
        if(session()->get('user_type') == "employer") {
            return redirect()->to('EmployerHome/index');
        }
        else if(session()->get('user_type') == "applicant") {
            return redirect()->to('ApplicantHome/index');
        }


    }
    $validation = $this->validate([
        'username' => [
            'rules' => 'required|is_not_unique[user_account.username]',
            'errors' => [
                'required' => 'Username is required',
                'is_not_unique' => 'This username does not exist'
            ]
        ],
        'password' => [
            'rules' => 'required',
            'errors' => [
                'required' => 'Password is Required'
            ]
        ]
    ]);
```

```php
if (!$validation) {
        return view('/Home/index', ['validation' => $this->validator]);
} else {
        $username = $this->request->getPost('username');
        $password = $this->request->getPost('password');

        $userAccountModel = new \App\Models\userAccountModel();
        $user_info = $userAccountModel->where('username', $username)->first();

        if ($user_info != null && $user_info['password'] == $password) {
                // $session = session();
                // $session->regenerate();
                session()->set('user_id', $user_info['id']);
                session()->set('user_type', $user_info['type']);


                $user_id = session()->get('user_id');
                $userAccountModel = new \App\Models\userAccountModel();
                $user_type = $userAccountModel->where('id', $user_id)->first();
                if ($user_type['type'] == "employer") {
                        return redirect()->to("//EmployerHome/index")->with('info', 'Login Successful');
                } elseif ($user_type['type'] == "applicant") {
                        return redirect()->to("//ApplicantHome/index")->with('info', 'Login Successful');
                } else {
                        return view('Home/index');
                        session()->setFlashdata('fail', 'Incorrect Password!');
                }
        } else {
                session()->setFlashdata('fail', 'Incorrect Password!');
                return redirect()->to('/Home')->withInput();
                //return redirect()->to("/Home/loginFailed")->with('info', 'Given Name or Password is not correct, try again');
        }
    }
}
}
```

```php
    if (session()->get('user_id') == null || session()->get('user_type') == "applicant") {
      return redirect()->to('Home/index')->with('fail', 'You must be logged in..');;
    }
    $session = session();
    $session->regenerate();
    $user_id = session()->get('user_id');
    $UserAccount = new \App\Models\userAccountModel();
    $EmployerM = new \App\Models\employerModel();
    $CompanyM = new \App\Models\companyModel();
    $user_info = $UserAccount->where('id', $user_id)->first();

    $query_employer = $EmployerM->query("Select * from employer where user_account_id = $user_id");
    foreach ($query_employer->getResult() as $row) {
      $companyid = $row->company_id;
    }
    // echo $companyid;

    $query_company = $CompanyM->query("Select * from company where id = $companyid");
    foreach ($query_company->getResult() as $row2) {
      $companyemail = $row2->email;
    }
    // echo $companyname;
    if ($user_info['status'] == 0 || $companyemail == null) {
      return view('MyProfileEmployer/index');
    }

    return view('EmployerHome/index');
}
```

```php
public function index()
{
  if(session()->get('user_id')== null || session()->get('user_type') == "employer"){
    return redirect()->to('Home/index')->with('fail', 'You must be logged in..');;
  }
  $session = session();
  $session->regenerate();
  $user_id = session()->get('user_id');
  $UserAccount = new \App\Models\userAccountModel();
  $user_info = $UserAccount->where('id', $user_id)->first();
  if ($user_info['status'] == 0) {
    return view('MyProfileApplicant/index');
  }


  return view('ApplicantHome/index');
}
public function logout()
    {
            $session = session();
            $session->destroy();
            return redirect()->to('Home/index')->with('fail', 'You are Logged out');

    }
}
```

- The website has two types of logins one for Applicants, Employers and the other login function is for Admins to log in to the admin portal.

- Every user has to enter correct credentials to log in and the user has to be registered first before attempting to login.

- If the user enters invalid data, the system will show errors.

- When an unverified Applicant login they are directed to 'My profile' page, if they are verified, they will be directed to Homepage.

- When an unverified Employer login they are directed to 'My profile' page, if they are verified and not yet configured their company profile, they will be directed to My profile page. If they are verified and have configured their company profile they will be directed to 'My Jobs' page.

11.2 Register Function (Applicant)

```php
public function createprofile() {
  if(session()->get('user_id')!= null){
                    if(session()->get('user_type') == "employer") {
                            return redirect()->to('EmployerHome/index');
                    }
                    else if(session()->get('user_type') == "applicant") {
                            return redirect()->to('ApplicantHome/index');
                    }


          }

  $validation = $this->validate([
    'name' => [
      'rules' => 'required',
      'errors' => [
          'required' => 'Name is Required'
      ]
    ],
    'address' => [
      'rules' => 'required',
      'errors' => [
          'required' => 'Address is Required'
      ]
    ],
    'email' => [
      'rules' => 'required|valid_email|is_unique[job_seeker.email]',
      'errors' => [
          'required' => 'Email is Required',
          'valid_email' => 'Must be a valid Email Address',
          'is_unique' => 'Email already exists',
      ]
    ],
```

```php
  'contactNo' => [
    'rules' => 'required',
    'errors' => [
        'required' => 'Contact No is required'
    ]
  ],
  'dob' => [
    'rules' => 'required',
    'errors' => [
        'required' => 'Date of Birth is Required'
    ]
  ],
  'currentJobTitle' => [
    'rules' => 'required',
    'errors' => [
        'required' => 'Job Position is Required'
    ]
  ],
  'username' => [
    'rules' => 'required|is_unique[user_account.username]',
    'errors' => [
        'required' => 'Username is required',
        'is_unique' => 'This username already exist'
    ]
  ],
  'password' => [
    'rules' => 'required',
    'errors' => [
        'required' => 'Password is Required'
    ]
  ]

]);
```

```php
if (!$validation) {
  return view('/RegisterApplicant/index', ['validation' => $this->validator]);
} else {
  //getting values from form
  $name = $this->request->getPost('name');                    //jobseeker
  $address = $this->request->getPost('address');              //jobseeker
  $email = $this->request->getPost('email');                  //jobseeker
  $contactNo = $this->request->getPost('contactNo');          //jobseeker
  $dob = $this->request->getPost('dob');                      //jobseeker
  $currentJobTitle = $this->request->getPost('currentJobTitle');  //jobseeker
  $username = $this->request->getPost('username');            //useraccount
  $password = $this->request->getPost('password');            //useraccount


  //useraccount table info
  $valuesUser = [
                  'username' => $username,
                  'password' => $password,
                  'type' => "applicant"
    ];


  $userAccountModel = new \App\Models\userAccountModel();


  //inserting info to db table
  $queryUser = $userAccountModel->insert($valuesUser);
  if(!$queryUser){
    // return redirect()->back()->with('fail', 'Please try again later..');
  } else {
    // return redirect()->to('Register')->with('success', 'User Registration Successful');
  }
```

```php
//jobseeker table info
$valuesSeeker = [
                'name' => $name,
                'address' => $address,
                'email' => $email,
                'contactNo' => $contactNo,
                'dob' => $dob,
                'currentJobTitle' => $currentJobTitle,
                'user_account_id' => $queryUser
            ];

$jobSeekerModel = new \App\Models\jobSeekerModel();

//inserting info to db table
$querySeeker = $jobSeekerModel->insert($valuesSeeker);
if(!$querySeeker){
    return redirect()->back()->with('fail', 'Please try again later..');
}
else{
    return redirect()->to('RegisterApplicant')->with('success', 'User Registration Successful');
}
}
```

- There are two types of registration, one for Applicants and the other is for Employers. (Admins don't have a registration, they are added to web site by main admin and main admin's details are added to the database manually).
- The User should enter valid details before clicking the 'Register' or they will get error messages telling to enter valid inputs.
- If the user enters everything in a proper manner the website will show a 'Register successfully' message.
- After that the user can use their credentials to log in to the system.

11.3 Edit Profile function (Applicant)

```php
public function editProfile()
{
  if(session()->get('user_id')== null || session()->get('user_type') == "employer"){
    return redirect()->to('Home/index')->with('fail', 'You must be logged in..');;
  }
  $validation = $this->validate([
    'name' => [
      'rules' => 'required',
      'errors' => [
        'required' => 'Name is Required'
      ]
    ],
    'address' => [
      'rules' => 'required',
      'errors' => [
        'required' => 'Address is Required'
      ]
    ],
    'email' => [
      'rules' => 'required|valid_email',
      'errors' => [
        'required' => 'Email is Required',
        'valid_email' => 'Must be a valid Email Address'
      ]
    ],
    'contactNo' => [
      'rules' => 'required',
      'errors' => [
        'required' => 'Contact No is required'
      ]
    ],
```

```php
  'dob' => [
    'rules' => 'required',
    'errors' => [
      'required' => 'Date of Birth is Required'
    ]
  ],
  'currentJobTitle' => [
    'rules' => 'required',
    'errors' => [
      'required' => 'Job Position is Required'
    ]
  ],
  'username' => [
    'rules' => 'required',
    'errors' => [
      'required' => 'Username is required'
    ]
  ],
  'password' => [
    'rules' => 'required',
    'errors' => [
      'required' => 'Password is Required'
    ]
  ]
]);
```

```php
if (!$validation) {
  //echo "Validation Error";
  return view('/MyProfileApplicant/index', ['validation' => $this->validator]);
} else {
  $name = $this->request->getPost('name');
  $address = $this->request->getPost('address');
  $email = $this->request->getPost('email');
  $dob = $this->request->getPost('dob');
  $contactNo = $this->request->getPost('contactNo');
  $currentJobTitle = $this->request->getPost('currentJobTitle');
  $username = $this->request->getPost('username');
  $password = $this->request->getPost('password');

  session();
  session()->regenerate();
  $user_id = session()->get('user_id');

  // echo $user_id;
  // echo $name;
  // echo $address;
  // echo $email;
  // echo $dob;
  // echo $contactNo;
  // echo $currentJobTitle;

  $UserAccountM = new \App\Models\userAccountModel();
  $queryuser = $UserAccountM->query("Update user_account
                                     Set username = '$username',
                                         password = '$password'
                                     Where id = $user_id");
```

```php
    if (!$queryuser) {
        //echo "fail";
    }


    $JobSeekerM = new \App\Models\jobSeekerModel();
    $queryJobSeeker = $JobSeekerM->query("Update job_seeker
                                Set name = '$name',
                                    address = '$address',
                                    email = '$email',
                                    dob = '$dob',
                                    contactNo = $contactNo,
                                    currentJobTitle = '$currentJobTitle'
                                Where user_account_id = $user_id");
    if (!$queryJobSeeker) {
        return redirect()->back()->with('fail', 'Please try again later..');
    } else {
        return redirect()->to('MyProfileApplicant')->with('success', 'Changes made successfully');
    }
    }
    }
}
```

- Every verified user has the ability to edit their profile details by going to the 'My profile page' and typing valid inputs and clicking the 'save changes' button.
- Unverified users also can go to the 'My Profile' page to view their details but they won't be able to edit their data and the 'Save changes' button will be disabled.

11.4 Profile verification function

```php
public function verify()
{
  if(session()->get('admin_id')== null){
    return redirect()->to('Admin/index')->with('fail', 'You must be logged in..');;;
  }
  //To Accept User--Changing Status to 1
  if (isset($_POST['auser'])) {
    $useraccountid = $this->request->getPost('account_id');
    echo $useraccountid;
    $UserAccount = new \App\Models\userAccountModel();
    $query = $UserAccount->query("update user_account set status = 1 where id = $useraccountid");
    return redirect()->to("//AdminApplicantProfiles/index")->with('info', 'Changes Made Succesfully');
  }
  //To Reject User--Changing Status to 2
  if (isset($_POST['ruser'])) {
    $useraccountid = $this->request->getPost('account_id');
    echo $useraccountid;
    $UserAccount = new \App\Models\userAccountModel();
    $query = $UserAccount->query("update user_account set status = 2 where id = $useraccountid");
    return redirect()->to("//AdminApplicantProfiles/index")->with('info', 'Changes Made Succesfully');
  }
  //To Delete User--Changing Status to 2
  if (isset($_POST['duser'])) {
    $useraccountid = $this->request->getPost('account_id1');
    echo $useraccountid;
    $UserAccount = new \App\Models\userAccountModel();
    $query = $UserAccount->query("update user_account set status = 3 where id = $useraccountid");
    return redirect()->to("//AdminApplicantProfiles/index")->with('info', 'Changes Made Succesfully');
  }
 }
}
```
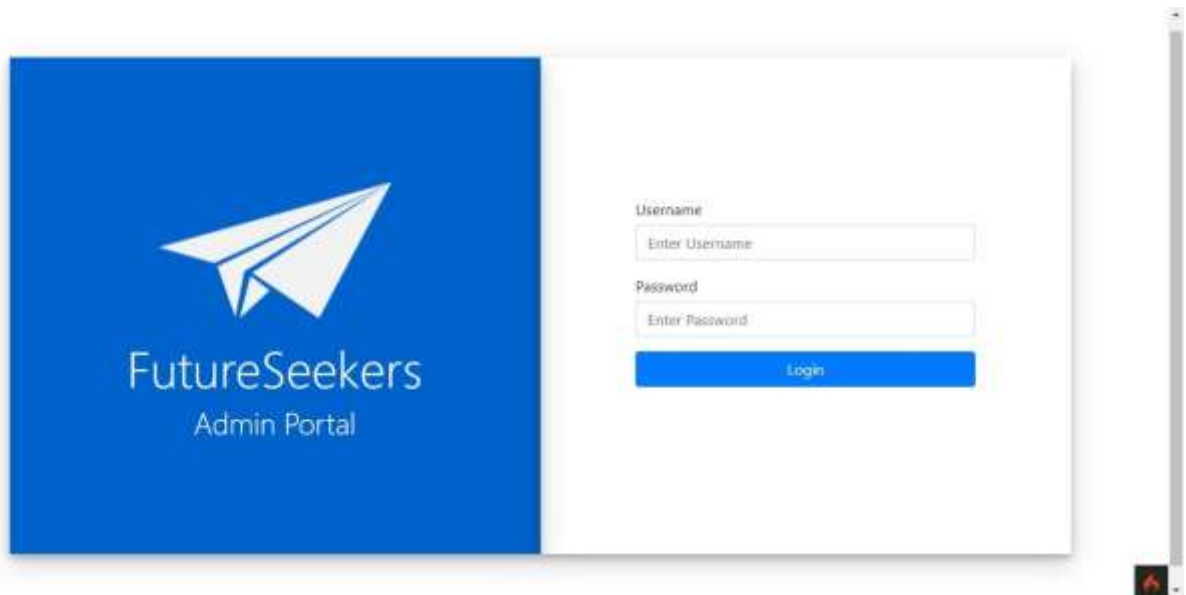
- This feature is only available to the admin
- The admin will be able to see a list of verified, unverified users list and he/she will be able to pick users one by one will be able to accept or reject.

12.0 Interfaces

12.1 Admin login page (Wireframe)

12.2 Admin login page (Actual View)

12.3 Applicant Profile Verification page for Admin (Wireframe)

Logo	Dashboard	**Member Profiles**	Job Position	Manage Admins	Log out

Applicant Profiles

Profile Requests

Selected User ID: [Select Row]   [Accept]   [Reject]

ID	Name	Address	Email	Contact No	Job Title	Username
sample text	sample text	sample text	sample text	sample text	sample text	sample text

Verified Profiles

Selected User ID: [Select Row]   [Delete Profile]

ID	Name	Address	Email	Contact No	Job Title	Username
sample text	sample text	sample text	sample text	sample text	sample text	sample text

Rejected Profiles

ID	Name	Address	Email	Contact No	Job Title	Username
sample text	sample text	sample text	sample text	sample text	sample text	sample text

Deleted Profiles

ID	Name	Address	Email	Contact No	Job Title	Username
sample text	sample text	sample text	sample text	sample text	sample text	sample text

12.4 Applicant Profile Verification page for Admin (Actual View)

ADMIN
Dashboard   Member Profiles ▾   Job Postings   Manage Admins   Log out

Applicant Profiles Summary

Profile Requests

Selected User ID Select Row   Accept   Reject

ID	Name	Address	Email	Contact No	Dob	Job Title	Username
10	Glenn Maxwell	31/A, Filer Drive, Sydney	gmaxwell@gmail.com	9145789666	1986-06-16	Intern	bigshow

Accepted Profiles

Selected User ID Select Row   Delete Profile

ID	Name	Address	Email	Contact No	Dob	Job Title	Username
15	Dex Ryan	34, 3rd Avenue, Colombo	ryan34@gmail.com	965412874	1984-10-18	Senior Software Engineer	dryan
23	Michael Scoffield	43/2A, Mason St, Colombo	mscoff@gmail.com	914545542652	1981-05-09	Structural Engineer	scoffm

Rejected Profiles

ID	Name	Address	Email	Contact No	Dob	Job Title	Username
11	Mitchel Starc	43/2A, Pears St, Melbourne	starcmitch@gmail.com	9145789453	1987-01-22	Intern	mstarcc

Deleted Profiles

ID	Name	Address	Email	Contact No	Dob	Job Title	Username
20	Matt Murdock	56, 3rd Avenue, Texas	hr@gmail.com	9412547896	1992-06-24	Senior Software Engineer	murmatt

12.5 Employer Profile verification page for Admin (Wireframe)

| Logo | | Dashboard | **Member Profiles** | Job Position | Manage Admins | Log out |

Employer Profiles

Profile Requests

Selected User ID: [Select Row] [Accept] [Reject]

ID	Name	ContactNo	Email	Username	Company ID	Company Name
sample text	sample text	sample text	sample text	sample text	sample text	sample text

Verified Profiles

Selected User ID: [Select Row] [Delete Profile]

ID	Name	ContactNo	Email	Username	Company ID	Company Name
sample text	sample text	sample text	sample text	sample text	sample text	sample text

Rejected Profiles

ID	Name	ContactNo	Email	Username	Company ID	Company Name
sample text	sample text	sample text	sample text	sample text	sample text	sample text

Deleted Profiles

ID	Name	ContactNo	Email	Username	Company ID	Company Name
sample text	sample text	sample text	sample text	sample text	sample text	sample text

12.6 Employer Profile verification for Admin (Actual View)

ADMIN

Dashboard   Member Profiles ▾   Job Postings   Manage Admins   Log out

Employer Profiles Summary

Profile Requests

Selected User ID Select Row   [Accept]   [Reject]

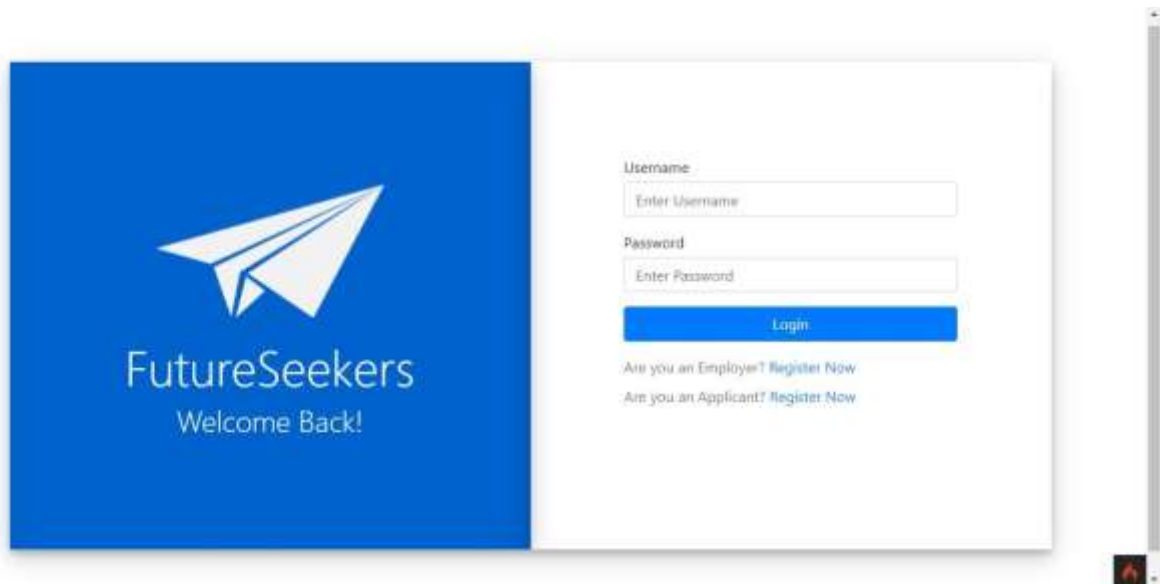| ID	Name	ContactNo	JobPosition	Email	Username	Company ID	Company Name	Company Contact No	Company Email
24	Jhon Doe	0778945249	HR Manager	hrm@gmail.com	jdoe	12	MNM		

Verified Profiles

Selected User ID Select Row   [Delete Profile]

ID	Name	ContactNo	JobPosition	Email	Username	Company ID	Company Name	Company Contact No	Company Email
7	Peter Parker	1124586973	HRM	hr@gmail.com	petersp	6	Soft-W	01125487621	softw@gmail.com
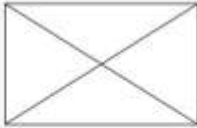
Rejected Profiles

ID	Name	ContactNo	JobPosition	Email	Username	Company ID	Company Name	Company Contact No	Company Email

Deleted Profiles

ID	Name	ContactNo	JobPosition	Email	Username	Company ID	Company Name	Company Contact No	Company Email

12.7 Login page (Wireframe)

FutureSeekers

Welcome

Username

Enter Username

Password

Enter Password

Login

Are you an Employer. Register Now

Are you an Applicant. Register Now
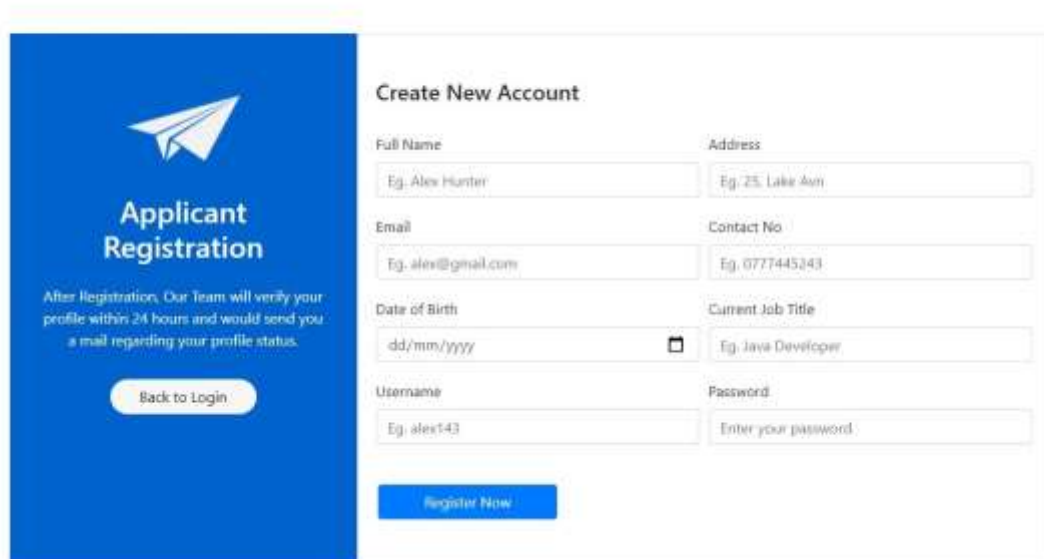
12.8 Login Page (Actual View)

12.9 Register for Applicants (Wireframe)

12.10 Register for Applicants (Actual View)

12.11 Register for Employer (Wireframe)

Employer Registration

Profile Verification Message

Back to Login

Create New Account

Full Name

Eg. Kavin

Current Job Position

Eg. HR

Email

Eg. kavin@gmail.com

Contact No

Eg. 0777112456

Company Name

Eg. TechNew

Username

Eg. kavin143

Password

Enter Password

Register Now

12.12 Register For Employer (Actual View)

12.13 My Profile page for Employer (Wireframe)

| Logo | | Jobs | My Jobs | Post an Advert | **My Profile** | Log out |

My Profile

Employer Details

Click on the save changes button to update your record

Full Name	Contact No	Current Job Position
John	0778299821	HR Executive

Dob	Username	Password
2001-08-06	john143	**********

Company Details

Company Name	Email
CBC Tech	cbctechsolutions@gmail.com

Contact No	Company Logo
01126267434	Choose File logo.png

Save Changes

12.14 My profile page for Employer (Actual View)

12.15 My Profile page for Applicant (Wireframe)

Logo | Home | My Inbox | **My Profile** | About Us | Log out

My Profile

Applicant Details
Click on the save changes button to update your record

Full Name
Kavin

Address
55 Lake Street, Colombo 08

Email
kavin@gmail.com

Dob
2001-08-06

Contact No
0778299821

Current Job Title
Software Developer .NET

Username
kavin143

Password
··········

Save Changes

12.16 My Profile page for Applicant (Actual view)

13.0 Test Cases

13.1 Log in [Admin]

Following test cases are conducted to test the log in function and log in page UI element for the "Admin" accounts.

Test Scenario ID	Login 01			Test Case ID	Admin Login 01			
Test Case Description	Admin Login – With valid user details			Test Priority	High			
Pre-Requisite	A valid Admin account			Post-Requisite	User stay logged in until hitting the log out button			
Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Admin" login page	http://localhost/future seekerslk/public/Admin	Load "Admin" Login page	Load "Admin" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Enter valid username & Password and hit login button	Username: Admin_1 Password: adminfs123	Successfully log in to the account and direct to Admin Dashboard	Logged in to the account and directed to Admin Dashboard	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost Implementations of the Admin Dashboard comes in future sprints	

Test Scenario ID	Login 01				Test Case ID	Admin Login 02		
Test Case Description	Admin Login – With invalid user details				Test Priority	High		
Pre-Requisite	NA				Post-Requisite	NA		

Test Execution Steps:

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Admin" login page	http://localhost/future seekerslk/public/Admin	Load "Admin" Login page	Load "Admin" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter invalid Username & Any Password and enter login button	Username: Admin Password: adminfs123111	Displaying "This username does not exist" under the username field	Displayed "This username does not exist" under the username field	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Enter valid username & incorrect Password and enter login button	Username: Admin_1 Password: adminfs123111	Displaying "Incorrect Password!" error massage	Displaying "Incorrect Password!" error massage	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.2 Log in [Employer]

Following test cases are conducted to test the log in function and log in page UI element for the "Employer" accounts

Test Scenario ID	Login 02			Test Case ID	Employer Login 01	
Test Case Description	Employer login with valid user details of an approved and company details filled account			Test Priority	Medium	
Pre-Requisite	Approved and company details filled Employer account			Post-Requisite	User stay logged in until hitting the log out button	
Test Execution Steps:						
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter valid username & Password and hit login button	Username: joeblack Password: joeblack	Successfully log in to Employer account and direct to the Jobs Page	Logged in to Employer account and direct to the Jobs Page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost. Implementations of the Jobs Page comes in future sprints

Test Scenario ID	Login 02			Test Case ID	Employer Login 02	
Test Case Description	Employer login with valid user details of non-activated account			Test Priority	Medium	
Pre-Requisite	A valid and non-activated Employer account			Post-Requisite	User stay logged in until hitting the log out button	

Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter valid username & Password and hit login button	Username: tharindukathriarachch Password: tharindukathriarachch i	Successfully log in to Employer account and direct to the My Profile page.	Logged in to Employer account and directed to the My Profile page.	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Entering company details	Typing any text in company details fields	Company details fields should be locked	User can enter data to text fields	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost
4	Hitting "Make Changes" Button	NA	"Make Changes" button should be unclickable	"Make Changes" button is unclickable	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

Test Scenario ID	Login 02			Test Case ID	Employer Login 03	
Test Case Description	Employer login with valid user details of an activated account with empty company details			Test Priority	Medium	
Pre-Requisite	A valid and activated Employer account with empty company details			Post-Requisite	User stay logged in until hitting the log out button	

Test Execution Steps:							
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter valid username & Password and hit login button	Username: rashmikaishan Password: rashmikaishan	Successfully log in to Employer account and direct to the Jobs Page.	Logged in to Employer account and directed to the My Profile Page.	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost
3	Entering company details	Typing any text in company details fields	User should be Able to enter Company details	User can enter data to text fields	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
4	Hitting "Make Changes" Button	NA	"Make Changes" button should be clickable	"Make Changes" button is clickable	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

Test Scenario ID	Login 02			Test Case ID	Employer Login 04	
Test Case Description	Employer Login – With invalid user details			Test Priority	High	
Pre-Requisite	NA			Post-Requisite	NA	

Test Execution Steps:

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter invalid Username & Any Password and enter login button	Username: asss Password: haha	Displaying "This username does not exist" under the username field	Displayed "This username does not exist" under the username field	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Enter valid username & incorrect Password and enter login button	Username: joeblack Password: adminfs123111	Displaying "Incorrect Password!" error massage	Displaying "Incorrect Password!" error massage	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.3 Log in [Applicant]

Following test cases are conducted to test the log in function and log in page UI element for the "Applicant" accounts

Test Scenario ID	Login 03		Test Case ID	Applicant Login 01
Test Case Description	Applicant login with valid user details of an approved account		Test Priority	Medium
Pre-Requisite	Approved Applicant account		Post-Requisite	User stay logged in until hitting the log out button

Test Execution Steps:

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter valid username & Password and hit login button	Username: sherlockholmes Password: sherlockholmes	Successfully log in to Applicant account and direct Applicant landing page	Logged in to Applicant account and direct Applicant landing page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost. Implementations of the Applicant landing page comes in future sprints

Test Scenario ID	Login 03			Test Case ID	Applicant Login 02	
Test Case Description	Applicant login with valid user details of non-activated account			Test Priority	Medium	
Pre-Requisite	A valid and non-activated Applicant account			Post-Requisite	User stay logged in until hitting the log out button	

Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter valid username & Password and hit login button	Username: dunilshayapa Password: dunilshayapa	Successfully log in to Applicant account and direct to the My Profile page.	Logged in to Applicant account and directed to the My Profile page.	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Entering Application Details	Typing any text in Application Details fields	Application Details fields should be locked	User can enter data to text fields	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost
4	Hitting "Save Changes" Button	NA	"Save Changes" button should be unclickable	"Save Changes" button is unclickable	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

Test Scenario ID	Login 03			Test Case ID	Applicant Login 03	
Test Case Description	Applicant Login – With invalid user details			Test Priority	High	
Pre-Requisite	NA			Post-Requisite	NA	

Test Execution Steps:

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter invalid Username & Any Password and enter login button	Username: bass Password: buus	Displaying "This username does not exist" under the username field	Displayed "This username does not exist" under the username field	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Enter valid username & incorrect Password and enter login button	Username: dunilshayapa Password: sss	Displaying "Incorrect Password!" error massage	Displaying "Incorrect Password!" error massage	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.4 Register [Employer]

Following test cases are conducted to test the Register function and Register page UI element for the "Employer" accounts

Test Scenario ID	Register 01		Test Case ID	Register Employee 01		
Test Case Description	Successful path. (Registering providing all valid data)		Test Priority	High		
Pre-Requisite	Systems registering function should be up and running		Post-Requisite	A new User account will be created		
Test Execution Steps:						
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
---	---	---	---	---	---	---	---
1	Direct to the "Public" login page	http://localhost/futuresee kerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Direct to "Employer Registration" page	Selecting "Are you an Employer? Register Now" link	Load "Employer Registration page"	Load "Employer Registration page"	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Enter valid data and hit "Register Now" button	Full Name; Nuwan Kularathna Current Job Position; Director – HR Email; Contact No; 0778445112 nk@gmail.com Comapany Name; CLS Username: nuwankularathna Password: nuwankularathna	Successfully Creating a new "Employer" account and displaying "User Registration Successful" massage then, direct to the "Log in page" page.	Successfully Created a new "Employer" account and displayed "User Registration Successful" massage then, stays in the "Employer Registration" page.	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost [Amount creation function works properly. Just the directing to the "log in" page doesn't work]

Test Scenario ID	Register 01			Test Case ID	Register Employee 02	
Test Case Description	Unsuccessful path. (Registering With invalid data valid data)			Test Priority	High	
Pre-Requisite	Systems registering function should be up and running			Post-Requisite	NA	

Test Execution Steps:

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/futureseekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Direct to "Employer Registration" page	Selecting "Are you an Employer? Register Now" link	Load "Employer Registration page"	Load "Employer Registration page"	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
3	Enter invalid email format and all other fields with valid data.	Full Name; Nuwan Kularathna Current Job Position; Director – HR Email; Contact No; 0778445112 abc Comapany Name; CLS Username: nuwankularathna Password: nuwankularathna	Displaying the pop up error message saying that the email format needs @ sign	Displaying the error message	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

4	Enter already existing username with valid data for other fields	Full Name; Nuwan Kularathna Current Job Position; Director – HR Email; Contact No; 0778445112 nk@gmail.com Comapany Name; CLS Username: nuwankularathna Password: nuwankularathna	Displaying "This username already exist" under the username field	Displayed"This username already exist" under the username field	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
5	Leave all fields free and hit "Register Now" button	Non	Display an error message in format of " 'Field name' is required" under all fields	Displayed all error messages	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.5 Register [Applicant]

Following test cases are conducted to test the Register function and Register page UI element for the "Employer" accounts

Test Scenario ID	Register 02			Test Case ID	Register Applicant 01			
Test Case Description	Successful path. (Registering providing all valid data)			Test Priority	High			
Pre-Requisite	Systems registering function should be up and running			Post-Requisite	A new User account will be created			
Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Public" login page	http://localhost/futuresee kerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Direct to "Applicant Registration" page	Selecting "Are you an Applicant? Register Now" link	Load "Applicant Registration page"	Load "Applicant Registration page"	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
3	Enter valid data and hit "Register Now" button	Full Name; Namal Rajapaksha Address; 557/A8 Hamnbanthota Email; na@gmail.com Contact No; 0778995336 Date of Birth; 10-08-1996 Current Job Title; BA Username; namalrajapaksha Password; namalrajapaksha	Successfully Creating a new "Applicant" account and displaying "User Registration Successful" massage then, direct to the "Log in page" page.	Successfully Created a new "Applicant" account and displayed "User Registration Successful" massage then, stays in the "Applicant Registration" page.	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost [Amount creation function works properly. Just the directing to the "log in" page doesn't work]	

Test Scenario ID	Register 02			Test Case ID	Register Applicant 02			
Test Case Description	Unsuccessful path. (Registering With invalid data valid data)			Test Priority	High			
Pre-Requisite	Systems registering function should be up and running			Post-Requisite	NA			
Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Public" login page	http://localhost/futureseekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Direct to "Applicant Registration" page	Selecting "Are you an Applicant? Register Now" link	Load "Applicant Registration page"	Load "Applicant Registration page"	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
3	Enter invalid email format and all other fields with valid data.	Full Name; Namal Rajapaksha Address; 557/A8 Hamnbanthota Email; na Contact No; 0778995336 Date of Birth; 10-08-1996 Current Job Title; BA Username; namalrajapaksha Password; namalrajapaksha	Displaying the pop up error message saying that the email format needs @ sign	Displaying the pop up error message saying that the email format needs @ sign	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	

4	Enter already existing username with valid data for other fields	Full Name; Namal Rajapaksha Address; 557/A8 Hamnbanthota Email; na@gmail.com Contact No; 0778995336 Date of Birth; 10-08-1996 Current Job Title; BA Username; namalrajapaksha Password; namalrajapaksha	Displaying "This username already exist" under the username field	Displayed"This username already exist" under the username field	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
5	Leave all fields free and hit "Register Now" button	Non	Display an error message in format of " 'Field name' is required" under all fields	Displayed all error messages	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.6 Edit Profile [Employer]

Following test cases are conducted to test the Edit Profile function and log in page UI element for the "Employer" accounts

Test Scenario ID	Edit Profile 01				Test Case ID	Employer Edit Profile 01		
Test Case Description	Edit Profile of Employer login with valid user details of an approved account				Test Priority	Medium		
Pre-Requisite	Approved Employer account				Post-Requisite	Update database according to the edits		
Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Enter valid username & Password and hit login button	Username: joeblack Password: joeblack	Successfully log in to Employer account and direct to the Jobs Page	Logged in to Employer account and direct to the Jobs Page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost. Implementations of the Jobs Page comes in future sprints	
3	Direct to the "My Profile" page	Hitting My Profile in navigation panal	Load My Profile page	Load My Profile page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	

4	Enter invalid email format for both fields and all other fields with valid data.	Full Name; Joe Black Current Job Position; QA Intern Email; ss Contact No; 0778445112 Comapany Name; CLS Username: joeblack Password: joeblack Company Name; Nebula Solutions Email;sc Contact No;07784556	Displaying the pop up error message saying that the email format needs @ sign for both fields	Displaying the error message only in Employer details email	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost
5	Enter invalid format to Employer details email fields and all other fields with valid data.	Full Name; Joe Black Current Job Position; QA Intern Email; ss Contact No; 0778445112 Comapany Name; CLS Username: joeblack Password: joeblack Company Name; Nebula Solutions Email;sc@gmail.com Contact No;07784556	Displaying the pop up error message saying that the email format needs @ sign	Displaying the error message only in Employer details email	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

6	Enter invalid format to company email and all other fields with valid data.	Full Name; Joe Black Current Job Position; QA Intern Email; ss@gmail.com Contact No; 0778445112 Comapany Name; CLS Username: joeblack Password: joeblack Company Name; Nebula Solutions Email;sc Contact No;07784556	Displaying the pop up error message saying that the email format needs @	Displaying the error message only in Company details email	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
7	Enter already existing username with valid data for other fields	Full Name; Joe Black Current Job Position; QA Intern Email; ss@gmail.com Contact No; 0778445112 Comapany Name; CLS Username: tharindukathriarachc Password: joeblack Company Name; Nebula Solutions Email;sc Contact	Displaying "This username already exist" under the username field	Username changes and Display message "Changes made successfully"	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost

8	Leave all fields free and hit "Make Changes" button	Non	Display an error message in format of " 'Field name' is required" under all fields	Displayed all error messages	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
9	Leave one fields free and fill all other fields with valid data hit "Make Changes" button	1)Leve relevant field free 2)Fill all other fields with valid data 3) Hit "Make Changes" button	Display an error message in format of " 'Field name' is required" under the fields	Displayed the error messages	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
10	Edit fields In the Employer section	1)Edit relevant field data 2)Fill all other fields with valid data 3) Hit "Make Changes" button	Display message "Changes made successfully" and Successfully Update the relevant field of the database	Display message "Changes made successfully" and Successfully Update the relevant field of the database	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
11	Edit fields In the Company Details section	1)Edit relevant field data 2)Fill all other fields with valid data 3) Hit "Make Changes" button	Display message "Changes made successfully" and Successfully Update the relevant field of the database	Display message "Changes made successfully" and Successfully Update the relevant field of the database	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

12	Leave Company Logo field empty and fill all other fields with valid data	1) Leave Company Logo field empty 2)Fill all other fields with valid data 3) Hit "Make Changes" button	Display error message "Enter Company Logo"	App crashes	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost
13	Add Company Logo	1) Add Company Logo file 2)Fill all other fields with valid data 3) Hit "Make Changes" button	Add image to the database and Display message "Changes made successfully"	Add image to the database and Display message "Changes made successfully"	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.7 Edit Profile [Applicant]

Following test cases are conducted to test the Edit Profile function and log in page UI element for the "Applicant" accounts

Test Scenario ID	Edit Profile 01			Test Case ID	Employer Edit Profile 01			
Test Case Description	Edit Profile of Applicant login with valid user details of an approved account			Test Priority	Medium			
Pre-Requisite	Approved Applicant account			Post-Requisite	Update database according to the edits			
Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Public" login page	http://localhost/future seekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Enter valid username & Password and hit login button	Username: sherlockholmes Password: sherlockholmes	Successfully log in to Applicant account and direct Applicant landing page	Logged in to Applicant account and direct Applicant landing page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost. Implementations of the Applicant landing page comes in future sprints	
3	Direct to the "My Profile" page	Hitting My Profile in navigation panal	Load My Profile page	Load My Profile page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	

4	Enter invalid email format and all other fields with valid data.	Full Name; Namal Rajapaksha Address; 557/A8 Hamnbanthota Email; na Contact No; 0778995336 Date of Birth; 10-08-1996 Current Job Title; BA Username; namalrajapaksha Password; namalrajapaksha	Displaying the pop up error message saying that the email format needs @ sign	Displaying the error message	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
5	Enter already existing username with valid data for other fields	Full Name; Namal Rajapaksha Address; 557/A8 Hamnbanthota Email; na Contact No; 0778995336 Date of Birth; 10-08-1996 Current Job Title; BA Username; namalrajapaksha Password; namalrajapaksha	Displaying "This username already exist" under the username field	Username changes and Display message "Changes made successfully"	Google Chrome Version 95.0.4638.69	Fail	Tested in localhost
6	Leave all fields free except date and hit "Save Changes" button	Non	Display an error message in format of " 'Field name' is required" under all fields	Displayed all error messages	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

7	Leave one fields free and fill all other fields with valid data hit "Save Changes" button	1)Leve relevant field free except date 2)Fill all other fields with valid data 3) Hit "Save Changes" button	Display an error message in format of " 'Field name' is required" under the fields	Displayed the error messages	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
8	Edit fields In the Employer section	1)Edit relevant field data except date 2)Fill all other fields with valid data 3) Hit "Save Changes" button	Display message "Changes made successfully" and Successfully Update the relevant field of the database	Display message "Changes made successfully" and Successfully Update the relevant field of the database	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
9	Invalid date and fill all other fields with valid data	1) Add invalid date 2) fill all other fields with valid data 3) Hit "Save Changes" button	Display pop up error message	Displayed pop up error message	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.8 Log Out [Admin]

Following test cases are conducted to test the Log out function and log out page UI element for the "Admin" accounts.

Test Scenario ID	Logout 01				Test Case ID	Admin Logout 01		
Test Case Description	Admin Logout				Test Priority	High		
Pre-Requisite	A valid Admin account				Post-Requisite	NA		
Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Admin" login page	http://localhost/ futureseekerslk/ public/Admin	Load "Admin" Login page	Load "Admin" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Enter valid username & Password and hit login button	Username: Admin_1 Password: adminfs123	Successfully log in to the account and direct to Admin Dashboard	Logged in to the account and directed to Admin Dashboard	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost Implementat ions of the Admin Dashboard comes in future sprints	
3	Hitting log out button	Hitting log out button	Logged out from the account and showing message "Logged out" and user should not be able to navigate back to logged account	Logged out from the account and showing message "Logged out" and user nan not navigate back to logged account	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	

13.9 Log Out [Employer]

Following test cases are conducted to test the log out function and Log Out page UI element for the "Employer" accounts

Test Scenario ID	Logout 02			Test Case ID	Employer Logout 01		
Test Case Description	Employer Logout			Test Priority	High		
Pre-Requisite	A valid Employer account			Post-Requisite	NA		
Test Execution Steps:							

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Direct to the "Public" login page	http://localhost/futureseekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost
2	Enter valid username & Password and hit login button	Username: joeblack Password: joeblack	Successfully log in to Employer account and direct to the Jobs Page	Logged in to Employer account and direct to the Jobs Page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost. Implementations of the Jobs Page comes in future sprints
3	Hitting log out button	Hitting log out button	Logged out from the account and showing message "Logged out" and user should not be able to navigate back to logged account	Logged out from the account and showing message "Logged out" and user nan not navigate back to logged account	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost

13.10 Log out [Applicant]

Following test cases are conducted to test the log out function and log out page UI element for the "Applicant" accounts

Test Scenario ID	Login 03		Test Case ID	Applicant Login 01	
Test Case Description	Employer Logout		Test Priority	High	
Pre-Requisite	A valid Employer account		Post-Requisite	NA	

Test Execution Steps:								
S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments	
1	Direct to the "Public" login page	http://localhost/futureseekerslk/public/	Load "Public" Login page	Load "Public" Login page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	
2	Enter valid username & Password and hit login button	Username: sherlockholmes Password: sherlockholmes	Successfully log in to Applicant account and direct Applicant landing page	Logged in to Applicant account and direct Applicant landing page	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost. Implementations of the Applicant landing page comes in future sprints	
3	Hitting log out button	Hitting log out button	Logged out from the account and showing message "Logged out" and user should not be able to navigate back to logged account	Logged out from the account and showing message "Logged out" and user nan not navigate back to logged account	Google Chrome Version 95.0.4638.69	Pass	Tested in localhost	

14.0 Sprint Retrospective

14.1 Musharraf (Scrum Master)

The first Sprint was a huge success even though there were some Issues such as getting used to applying agile practices in real life, Constant power cuts and Gaps in knowledge (PHP framework). We had daily stand up meeting every day even though sometimes the stand-up meeting exceeds 15 minutes. I personally check my teammates' work and assist in any way I can. Since my teammates did their work on time without constant reminding, I had an easy time leading the team. This Sprint has helped me understand the importance of using agile methodology how it can be useful in real life.

14.2 Kavin (Business Analyst)

The first sprint was challenging and interesting as this is our first time following the agile methodologies to complete our assigned tasks within a period of 3 weeks. Our scrum master ensured that we had daily meetings and also guided us in completing our tasks on time. We planned out together on the various tasks assigned for the sprint and carried them out without any delays. I was the Business Analyst for this sprint and I enjoyed working with the team. I also closely monitored the functions carried out by the developer in order to ensure that we were on the correct track working towards a common goal to achieve our clients requirements. Overall I would say this sprint helped me understand the importance of Agile Methodologies and I'm really happy with my Team and I'm looking forward towards the next sprint.

14.3 Inaas (Developer)

We divided the identified functions for each sprint, and we planed the sprint accordingly. The tasks were done in time. Kavin(BA) finished his task of designing wireframes early before his deadline, so that make it easy for me start the developing process early. We finished each task one by one as planned. I ran into some errors, one of you helped each time. We covered some major functionalities this sprint. Our planning process was good, and we can continue that in the next sprint. As a developer my advice for the next developer is to concentrate on developing the functionality first and do the stylings after. So, overall it was a good sprint. We finished everything on time as planned.

14.4 Tharindhu (Quality Assurance Engineer)

I feel like this is a better start to the project since we were able to finish all the tasks withing the deadlines and all the group members did their parts and didn't try to pawn off their work to anyone and everyone did their maximum to the project. also, I feel everyone is a team player. Also, I think we can improve productivity by arranging our meeting times earlier.