Huntd Test plan

[**Introduction**](#_4opzxs84hjz)

[**1. Test strategy**](#_4v4g4k2j6jh4)

[1.1 Testing](#_w0hs7qsjlk20) scope

[1.1.1 Features to be tested](#_cswhi5o12f8j)

[1.1.2](#_szasaze6tiv1) Out of test scope

[1.2 Test type](#_u5vk4jpt7tsi)s

[1.3 Risks and](#_bo52otf0mlgw) Issues

[1.4 Test](#_kc1n408m9v3m) Logistics

[1.4.1 Who will test?](#_bkiwwlsabqg9)

[1.4.2 When will the testing occur?](#_zgd959dd5adp)

[**2. Test objective**](#_ascv94d0hast)

[**3. Test criteria**](#_o1b0pjcb2frs)

[3.1 Suspension](#_hg1isibqvyqr) Criteria

[3. 2 Exit criteria](#_ru1rezhx39f0)

[**4. Resource**](#_adecq1uioqby) **Planning**

[4.1 System](#_rkrpvhyxd00u) Resource

[4.2 Human resource](#_1sggkbx8odck)

[**5. Test**](#_mgdbjcsyizqq) **Environment**

[**6. Schedule & estimation**](#_9im9cvmk7ct6)

[6.1 All project tasks and estimation](#_6ldb1fopig7)

[6.2 Schedule to complete these tasks](#_i6xh6qu27qom)

[**7. Test deliverables**](#_6onytnbo25vw)

[7.1 Before the testing phase](#_dcrnd559tpdv)

[7.2 During the testing](#_dx1sjsicjqd7)

[7.3 After the testing cycle is over](#_1wwj5za58zml)

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# Introduction

Huntd is a comprehensive job search and application tracking app designed to assist job seekers in their quest for employment. With its user-friendly interface and powerful features, this app is essential for individuals actively seeking job opportunities.  
Job seekers of all experience levels and industries can benefit from Huntd. Whether you're a recent graduate exploring entry-level positions or a seasoned professional looking for new career opportunities, this app provides the tools and resources necessary to streamline your job search process.  
Huntd is particularly valuable for users who want to stay organized and efficient throughout their job search journey. With features like personalized job recommendations, application tracking, and a resume builder, this app ensures that users never miss an opportunity and can effortlessly keep track of their progress.

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all

testing activities of the “Huntd” website and Mobile App.

The plan identifies the features to be tested, the types of testing to be performed, the resources

and schedule required to complete testing, and the risks associated with the plan.

# 1. Test strategy

## 1.1 Testing scope

### 1.1.1 Features to be tested Web version

| **Module name** | **Access type** | **Description** |
| --- | --- | --- |
| Main Page | For Companies Logged out | Main Page contains info about product, comparison with other resources, quotes from CEO and logo of partners. User should be informed about Signing Up |
| Main Page | For engineers Logged out | Main Page contains registration form by email or by social networks (Google, LinkedIn, Facebook, GitHub) and links to Jobs and Web3. At bottom of the page should be at least 10 feedbacks from real users |
| Main Page | For Engineers Logged in | Instead of Sign Up form there is a banner with the ad of the mobile app |
| Candidates List |  | Site contains a list of cards with info about candidate. Authorized users can use filters, unauthorized motivate to Sign Up or Sign In. Filters contain Role, Technologies, Desired base salary, English level, Candidate’s location (Timezone/Country and City). Each card contains short description of the skills and achievements. Clicking on “Show experience” opens all candidate’s experience. Recruiter is able to start a chat with candidate. |
| Candidate profile |  | Candidate profile is opened in a new tab by clicking on the card. Contains all info about candidate. Experience is sorted from the oldest to the newest. Contact info is hidden before the candidate opens it. |
| Sign Up | Recruiter | Page contains email and password fields and two options of the profile - candidate or recruiter. There are APIs for registration with Google, LinkedIn and GitHub. User should enter his position, the company and his contract information. User should enter information about required candidates: role, required technologies, salary, years of experience, English level, timezone or country/city. After registration user is redirected to the list of candidates. |
| Sign Up | Candidate | User should enter info about role and tech skills, experience, expected salary, Eglish level, location. Detailed information about experience should be able to import from LinkedIn. User should enter bio and contact information: avatar, full name, CV and links to social networks. After registration profile has to be activated by Admin during the next 24-48 hours. |
| Sign In |  | Page contains “Sign Up” link and “Forgot the password” link |
| Chats | Recruiter | User can initiate a chat with candidate from the list of candidates and from candidate profile page. Before contacting, user is not able to see contact details. User is able to send the offer to the candidate or mark chat as rejected. |
| Chats | Candidate | User is able to open or decline recruiter’s proposition and not share contact details. User is able to Archive or mark as Favourite group chats. |
| Profile |  | User can use candidate and recruiter profile simultaneously, user is able to activate or deactivate candidate profile. On the profiel page user is able to edit his profile, switch between candidate/recruiter, connect social networks, change password. Admins is able to edit user profiles at any time. |
| Footer |  | Contains “TOP 100 WEB3 COMPANIES” with preview of the top 5, 3 columns of vacancies for web3 developers, link to social networks (LinkedIn, Twitter, Telegram, Signal, Instagram, Facebook), links to documents, pricing, FAQ and About Us |
| Web 3 companies and Jobs |  | Page contain a table with 100 web3 compannies split by 10. Each company has a clickable logo and name. Clicking on them opens a new tab with a list of vacancies for this company. Applying is possible by 1 click. User is able to filter results by skills. Unauthorized user are suggested to sign in after clicking on [View more]. At the bottom user is able to subscribe vacancies with the fields: desired roles, experience, email. |
| Mobile App |  | App contains chat features, Identity and Access Menagment and profile settings |
| Questions/feedback form |  | Form helps user to send suggestions |

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### 1.1.2 Out of test scope

These areas are out of scope for this testing cycle:

* Website Security
* Website Performance
* Test Automation

## 1.2 Test types

In this testing cycle, the Huntd website will be tested using the next testing types:

* System testing: all the testing will be conducted on a complete, integrated system to evaluate the system's compliance with its specified requirements.
  + Exploratory testing.
  + Smoke testing for each new build.
  + Functional testing of all the features
  + GUI testing
  + Compatibility testing: test only Windows browsers (Google Chrome and Mozilla Firefox)

## 1.3 Risks and Issues

| **Risk** | **Mitigation** |
| --- | --- |
| Team members lack the required skills for website testing | Extra lessons for the team members and providing needed help from mentors |
| Not enough time to test all browsers and OS. | Create pairwise table to minimize amount of tests |
| Not enough time to execute all test scenarios. | Specify priority of each functionality and execute tests in priority order |
| A member of the team has got sick | Plan an emergency time in the Testing Plan |

## 1.4 Test Logistics

### 1.4.1 Who will test?

QA Team will create Test Cases and execute them

### 1.4.2 When will the testing occur?

The team will start the testing after:

1. Creating test Test cases
2. Creating test data
3. Create decomposition, decision table, state transition diagram

# 2. Test objective

The test objectives are to verify the functionality of the Huntd Website and Mobile App. The testing should be focused on the main features like, registration, login, searching and browsing candidates, applying for the role, changing profile data. Testing should be done on preselected versions of browsers and mobile devices.

# 3. Test criteria

### 3.1 Suspension criteria

* 10% of P0/P1 tests failed, which should lead to the testing suspension until the development team fixes all the corresponding bugs.
* 30% of P2/P3 tests failed, which should lead to the testing suspension until the development team fixes all the corresponding bugs.

### 3. 2 Exit criteria

The test execution will be stopped no later than the last day of the sprint. The exit criteria should be met to complete the testing cycle:

* The mandatory Execution rate is 95%.
* The mandatory Pass rate is 100% for P0/P1 tests.
* The mandatory Pass rate is 80% for P2/P3 tests.
* All necessary artifacts collected: test cases, and bug reports.
* The product should not have known bugs with severity Critical and Major and bugs with Priority High at the time of finishing testing.
* The list of allowed bugs is agreed upon with the developers and managers.

# 4. Resource planning

## 4.1 System resources

| No. | Resources | Description |
| --- | --- | --- |
| 1 | Browser | Google Chrome, Mozilla Firefox |
| 2 | Network | Wi-fi |
| 3 | Computer | RAM 12GB, CPU 2,4 GHz, Windows 10 |
| 4 | Mobile phone | Realme 8, 6GB RAM |

## 

## 4.2 Human resources

| **No.** | **Resources** | **Description of tasks** |
| --- | --- | --- |
| 1 | QA members | * Create test cases * Create decomposition, decision table, state transition diagram * Execute Test Cases * Create Bug Reports |
| 2 | Mentors | * Check Test Cases |

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# 5. Test environment

Testing should be conducted in the production environment with the average computer with internet access and mobile phone.

# 6. Schedule & estimation

## 6.1 All project tasks and estimation

| **Task** | **Members** | **Estimate effort** |
| --- | --- | --- |
| Create Test plan | QA members | 2 man-hour |
| Create decomposition, permission testing table, RTM | QA members | 16 man-hour |
| Create Test cases | QA members | 24 man-hour |
| Test cases execution | QA members | 6 man-hour |
| Create Bug reports | QA members | 16 man-hour |
| Writing test report | QA members | 8 man-hour |

## 6.2 Schedule to complete these tasks

| **Task** | **1-st Sprint** | **2-nd Sprint** | **3-rd Sprint** |
| --- | --- | --- | --- |
| Create Test plan |  |  |  |
| Create decomposition, permission testing table, state transition diagram |  |  |  |
| Create Test cases |  |  |  |
| Test cases execution |  |  |  |
| Create Bug reports |  |  |  |
| Writing and preparing test results |  |  |  |

# 7. Test deliverables

## 7.1 Before the testing phase

* Test Plan
* Test Cases
* Decomposition
* Permission testing table
* State transition diagram

## 7.2 During the testing

* Test Cases
* Bug Reports

## 7.3 After the testing cycle is over

* Test Report