



**A Project Documentation Submitted to the  
College of Information Technology  
Cagayan de Oro College  
PHINMA Education**

**In Partial Fulfillment of the  
Requirements for Human Computer  
Interaction I**

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COC-FA2-IT1-02**

**April 2025**

## **Introduction**

In today's competitive job market, having an efficient and user-friendly digital platform is essential for connecting job seekers with employment opportunities. A well-designed job portal like HAMS serves as a critical bridge between Filipino talent and employers, providing accessible job listings, company profiles, and career development resources. With the rapid digital transformation of recruitment processes, it is crucial to offer intuitive, mobile-responsive platforms that cater to both job seekers and hiring managers while addressing local employment needs (Gonzales & Tan, 2023).

Despite the proliferation of job platforms, many existing solutions fail to address key challenges in the Philippine context. Some platforms suffer from poor usability, outdated interfaces, or lack of localized features, while others rely on complex algorithms that obscure relevant job matches (Reyes et al., 2024). Additionally, many job seekers especially outside urban centers face barriers due to limited mobile optimization and high data requirements (Santos & Lim, 2023). These shortcomings can lead to missed opportunities, prolonged job searches, and inefficient hiring processes.

The development of HAMS addresses these gaps by prioritizing accessibility, local relevance, and user-centric design. By leveraging the lightweight W3.CSS framework, this platform ensures fast loading times and full responsiveness across devices critical features in a country where 72% of internet users access the web via mobile (DICT Philippines, 2024). Structured employer verification processes and skill-matching algorithms further enhance reliability, addressing concerns about job post quality that persist in many digital platforms (Torres, 2023). This approach not only streamlines job searches but also contributes to broader economic goals by reducing employment mismatches in key Philippine industries (DOLE, 2024).

WIREFRAME - (Windows/Mobile)

HAMS Job Portal

HomeSearchCompany ProfilesUser Dashboard

Company Profiles

Advanced Search

Salary Filter

Remote Work

Featured Jobs

Job Listings

Job Title 1

Salary: TBD, Location: Manila

Job Title 2

Salary: TBD, Location: Cebu

Job Application Form

Full Name

Enter your full name

Email

Enter your email

Resume

Upload your resume

Experience Level

Entry LevelMid LevelSenior Level

Submit Application

Job Application Metrics

Total Applications

1000

+10%

Average Salary

\$50,000

-5%

Applications by Month

Number of Applications

Month

About Us

Contact Us

Terms & Conditions

12:30

HAMS Job Portal

Search for jobs

Find your dream job here

Job Listings

Apply Now

Company Logo

Job Title

Salary, Location

Apply Now

Company Logo

Job Title

Salary, Location

John Doe

Software Engineer

Applied Jobs

Job Title

Company Name

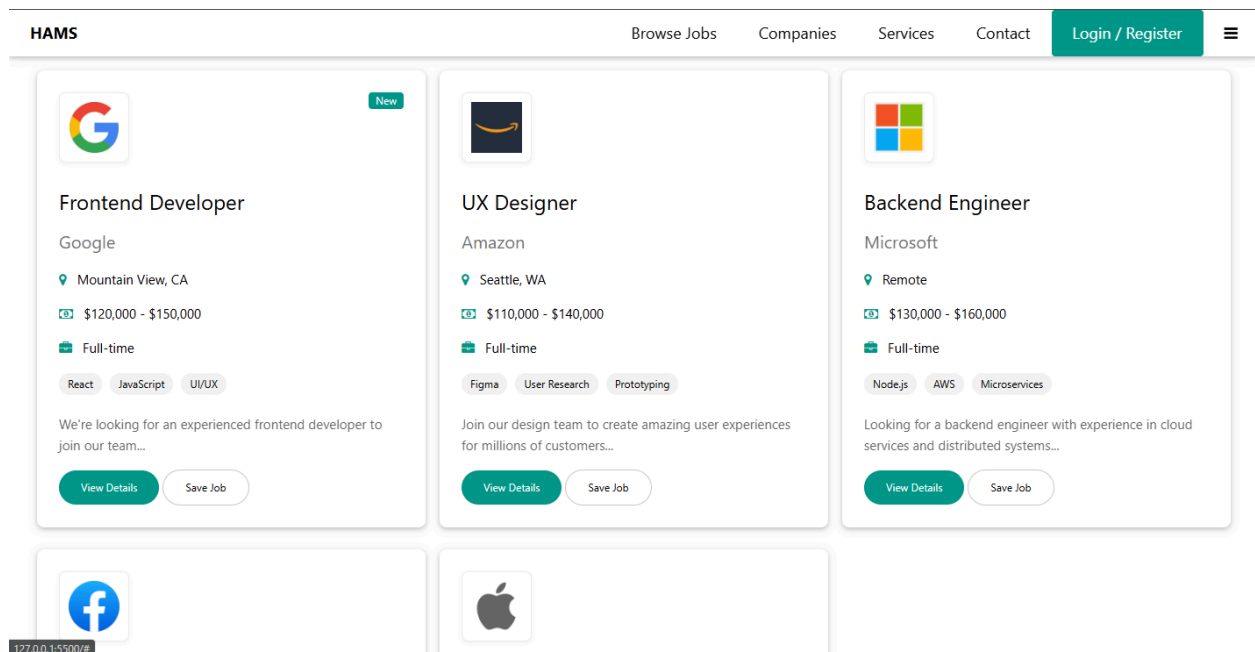
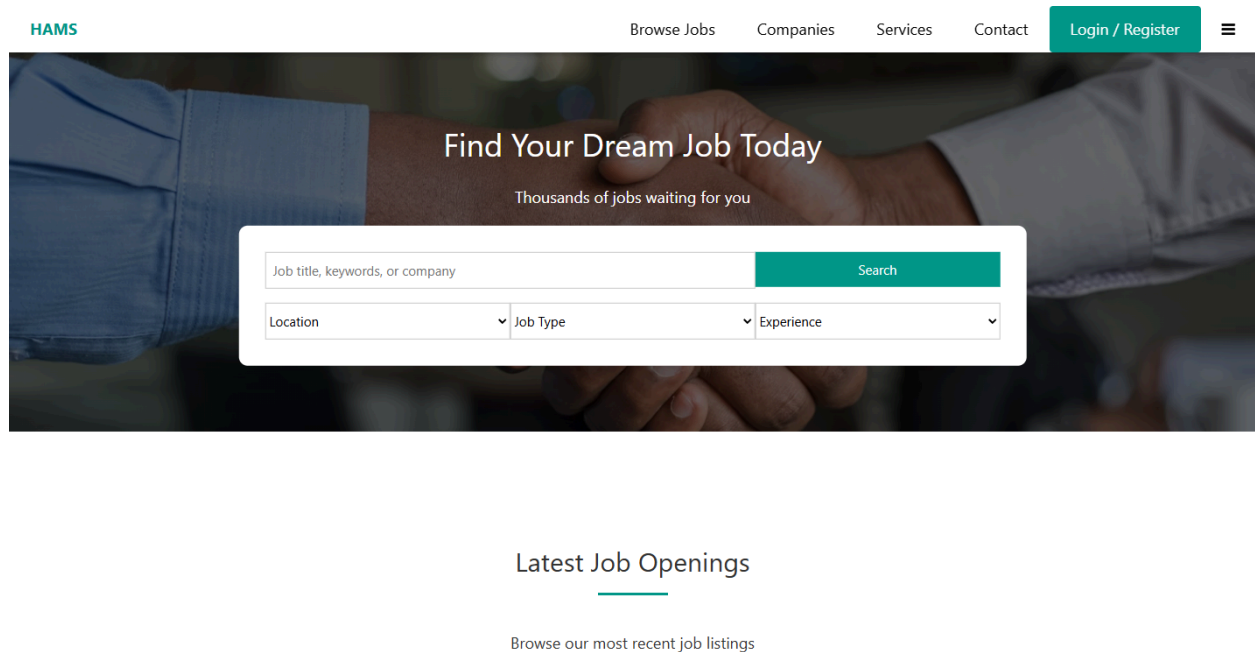
Application Date

Job Title

Company Name

Application Date

## SYSTEM OUTPUT - (Full View Web Page)





### Data Scientist

Meta

Menlo Park, CA

\$140,000 - \$180,000

Full-time

Python Machine Learning SQL

Join our data science team to analyze large datasets and derive meaningful insights...

View Details

Save Job



### iOS Developer

Apple

Cupertino, CA

\$125,000 - \$155,000

Full-time

Swift UIKit Xcode

We're hiring iOS developers to work on the next generation of Apple apps...

View Details

Save Job

Load More Jobs

HAMS

Browse Jobs

Companies

Services

Contact

Login / Register



## Our Services



### Find Jobs

Search through thousands of job listings to find your perfect match with our advanced filtering system.



### Create Profile

Build your professional profile and let employers find you based on your skills and experience.



### Get Alerts

Receive instant notifications when new jobs matching your criteria are posted.

## Top Hiring Companies

Trusted by the best companies worldwide

match with our advanced filtering system.

On your skills and experience.

are posted.

## Top Hiring Companies

Trusted by the best companies worldwide



## What Our Users Say

“ Found my dream job within a week of using Hams! The process was so smooth and easy.



Eteri Plieva

Product Manager at Google

“ As a recruiter, Hams has helped me find top talent quickly. The platform is intuitive and effective.



Ubheydeep Singh

HR Director at Amazon

“ The job matching algorithm is spot on! I received offers that perfectly matched my skills and preferences.



Angelo Santos

Senior Developer at Microsoft

Ready to take the next step in your career?

Create Free Account

HAMS

[Browse Jobs](#)

[Companies](#)

[Services](#)

[Contact](#)

[Login / Register](#)



## Contact Us

Get in touch

📍 25th Floor, PBCom Tower, Ayala Avenue, Makati City, Philippines

☎ +63 2 8888 1234

✉ [info@Hams.com](mailto:info@Hams.com)

Follow us



Name

Email

Subject

Message

Send Message

## System Code - Snippets

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Hams - Job Portal</title>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
8   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
9   <link rel="stylesheet" href="styles.css">
10  <link rel="job icon" href="images/Job Icon.png" type="image/x-icon">
11 </head>
12 <body>
13
14 <div class="w3-top">
15   <div class="w3-bar w3-white w3-card w3-large" id="navbar">
16     <a href="#" class="w3-bar-item w3-button w3-padding-large w3-text-teal w3-hover-white"><b>HAMS</b></a>
17     <button class="w3-bar-item w3-button w3-padding-large w3-right mobile-menu-btn">
18       <i class="fa fa-bars"></i>
19     </button>
20     <div class="w3-right w3-hide-small">
21       <a href="#jobs" class="w3-bar-item w3-button w3-padding-large w3-hover-teal">Browse Jobs</a>
22       <a href="#companies" class="w3-bar-item w3-button w3-padding-large w3-hover-teal">Companies</a>
23       <a href="#services" class="w3-bar-item w3-button w3-padding-large w3-hover-teal">Services</a>
24       <a href="#contact" class="w3-bar-item w3-button w3-padding-large w3-hover-teal">Contact</a>
25       <a href="#" class="w3-bar-item w3-button w3-padding-large w3-teal w3-round">Login / Register</a>
26     </div>
27   </div>
28 </div>
29
30 <header class="hero-image">
31   <div class="hero-text">
32     <h1 class="w3-xxlarge">Find Your Dream Job Today</h1>
33     <p class="w3-large">Thousands of jobs waiting for you</p>
34
35     <div class="search-box w3-hide-small">
36       <div class="w3-row">
37         <div class="w3-col s8 m8 l8">
38           <input class="w3-input w3-border" type="text" placeholder="Job title, keywords, or company">
39         </div>
```

```
index.html > html > body > div.w3-top > div#navbar.w3-bar.w3-white.w3-card.w3-large > div.w3-right.w3-hide-small > a.w3-bar-item.w3-button.w3-padding-large
2 <html lang="en">
12 <body>
85 <div class="w3-main" style="margin-top: 50px;">
87   <div class="w3-container w3-padding-64" id="jobs">
91     <div class="w3-row-padding w3-margin-top">
104       <div class="w3-margin-top w3-margin-bottom">
105         <span class="w3-tag w3-light-grey job-tag">React</span>
106         <span class="w3-tag w3-light-grey job-tag">JavaScript</span>
107         <span class="w3-tag w3-light-grey job-tag">UI/UX</span>
108       </div>
109       <p class="w3-opacity">We're looking for an experienced frontend developer to join our team...</p>
110       <div class="w3-margin-top">
111         <button class="w3-button w3-teal w3-small btn-rounded">View Details</button>
112         <button class="w3-button w3-white w3-border w3-small btn-rounded">Save Job</button>
113       </div>
114     </div>
115   </div>
116 </div>
117
118 <div class="w3-col 14 m6 s12">
119   <div class="w3-card w3-white job-card">
120     <div class="job-card-content">
121       
122       <h3>UX Designer</h3>
123       <h4 class="w3-text-grey">Amazon</h4>
124       <p><i class="fa fa-map-marker job-detail-icon"></i> Seattle, WA</p>
125       <p><i class="fa fa-money job-detail-icon"></i> $110,000 - $140,000</p>
126       <p><i class="fa fa-briefcase job-detail-icon"></i> Full-time</p>
127       <div class="w3-margin-top w3-margin-bottom">
128         <span class="w3-tag w3-light-grey job-tag">Figma</span>
129         <span class="w3-tag w3-light-grey job-tag">User Research</span>
130         <span class="w3-tag w3-light-grey job-tag">Prototyping</span>
131       </div>
132       <p class="w3-opacity">Join our design team to create amazing user experiences for millions of customers...</p>
133       <div class="w3-margin-top">
134         <button class="w3-button w3-teal w3-small btn-rounded">View Details</button>
135         <button class="w3-button w3-white w3-border w3-small btn-rounded">Save Job</button>
136       </div>
137     </div>
```



```

2   <html lang="en">
12  <body>
85  <div class="w3-main" style="margin-top: 50px;">
87    <div class="w3-container w3-padding-64" id="jobs">
91      <div class="w3-row-padding w3-margin-top">
166        <div class="job-card-content">
167          
168          <h3>Data Scientist</h3>
169          <h4 class="w3-text-grey">Meta</h4>
170          <p><i class="fa fa-map-marker job-detail-icon"></i> Menlo Park, CA</p>
171          <p><i class="fa fa-money job-detail-icon"></i> $140,000 - $180,000</p>
172          <p><i class="fa fa-briefcase job-detail-icon"></i> Full-time</p>
173          <div class="w3-margin-top w3-margin-bottom">
174            <span class="w3-tag w3-light-grey job-tag">Python</span>
175            <span class="w3-tag w3-light-grey job-tag">Machine Learning</span>
176            <span class="w3-tag w3-light-grey job-tag">SQL</span>
177          </div>
178          <p class="w3-opacity">Join our data science team to analyze large datasets and derive meaningful insights...
179          <div class="w3-margin-top">
180            <button class="w3-button w3-teal w3-small btn-rounded">View Details</button>
181            <button class="w3-button w3-white w3-border w3-small btn-rounded">Save Job</button>
182          </div>
183        </div>
184      </div>
185    </div>
186
187    <div class="w3-col l4 m6 s12">
188      <div class="w3-card w3-white job-card">
189        <div class="job-card-content">
190          
191          <h3>iOS Developer</h3>
192          <h4 class="w3-text-grey">Apple</h4>
193          <p><i class="fa fa-map-marker job-detail-icon"></i> Cupertino, CA</p>
194          <p><i class="fa fa-money job-detail-icon"></i> $125,000 - $155,000</p>
195          <p><i class="fa fa-briefcase job-detail-icon"></i> Full-time</p>
196          <div class="w3-margin-top w3-margin-bottom">
197            <span class="w3-tag w3-light-grey job-tag">Swift</span>
198            <span class="w3-tag w3-light-grey job-tag">UIKit</span>
199            <span class="w3-tag w3-light-grey job-tag">Xcode</span>

```

```

index.html > html > body > div.w3-top > div#navbar.w3-bar.w3-white.w3-card.w3-large > div.w3-right.w3-hide-small > a.w3-bar-item.w3-button.w3-padding-large
2   <html lang="en">
12  <body>
85  <div class="w3-main" style="margin-top: 50px;">
87    <div class="w3-container w3-padding-64" id="jobs">
210
211      <div class="w3-center w3-padding-32">
212        <button class="w3-button w3-teal w3-padding-large btn-rounded">Load More Jobs</button>
213      </div>
214    </div>
215
216    <div class="w3-container w3-light-grey w3-padding-64" id="services">
217      <h2 class="w3-center section-title">Our Services</h2>
218      <div class="w3-row-padding">
219        <div class="w3-col m4 w3-center">
220          <div class="feature-box">
221            <i class="fa fa-search feature-icon"></i>
222            <h3>Find Jobs</h3>
223            <p class="w3-opacity">Search through thousands of job listings to find your perfect match with our advanced filters.
224          </div>
225        </div>
226        <div class="w3-col m4 w3-center">
227          <div class="feature-box">
228            <i class="fa fa-file-text feature-icon"></i>
229            <h3>Create Profile</h3>
230            <p class="w3-opacity">Build your professional profile and let employers find you based on your skills and experience.
231          </div>
232        </div>
233        <div class="w3-col m4 w3-center">
234          <div class="feature-box">
235            <i class="fa fa-bell feature-icon"></i>
236            <h3>Get Alerts</h3>
237            <p class="w3-opacity">Receive instant notifications when new jobs matching your criteria are posted.</p>
238          </div>
239        </div>
240      </div>
241    </div>
242
243    <div class="w3-container w3-padding-64" id="companies">
244      <h2 class="w3-center section-title">Top Hiring Companies</h2>

```

```

2 <html lang="en">
12 <body>
85 <div class="w3-main" style="margin-top: 50px;">
216 <div class="w3-container w3-light-grey w3-padding-64" id="services">
240 </div>
241 </div>
242
243 <div class="w3-container w3-padding-64" id="companies">
244 <h2 class="w3-center section-title">Top Hiring Companies</h2>
245 <p class="w3-center w3-large">Trusted by the best companies worldwide</p>
246
247 <div class="w3-row-padding w3-center w3-margin-top">
248 <div class="w3-col l2 m4 s6 w3-margin-bottom">
249 <div class="w3-card w3-padding company-card">
250 
251 </div>
252 </div>
253 <div class="w3-col l2 m4 s6 w3-margin-bottom">
254 <div class="w3-card w3-padding company-card">
255 
256 </div>
257 </div>
258 <div class="w3-col l2 m4 s6 w3-margin-bottom">
259 <div class="w3-card w3-padding company-card">
260 
261 </div>
262 </div>
263 <div class="w3-col l2 m4 s6 w3-margin-bottom">
264 <div class="w3-card w3-padding company-card">
265 
266 </div>
267 </div>
268 <div class="w3-col l2 m4 s6 w3-margin-bottom">
269 <div class="w3-card w3-padding company-card">
270 
271 </div>
272 </div>
273 </div>
274 </div>
275

```

```

2 <html lang="en">
12 <body>
85 <div class="w3-main" style="margin-top: 50px;">
277 <div class="w3-container w3-light-grey w3-padding-64">
279 <div class="w3-row-padding">
287 <div class="w3-col s9 w3-padding">
288 <h4>Eteri Plieva</h4>
289 <p class="w3-opacity">Product Manager at Google</p>
290 </div>
291 </div>
292 </div>
293
294 <div class="w3-col m4 w3-margin-bottom">
295 <div class="w3-card w3-white testimonial-card">
296 <p class="w3-large"><i class="fa fa-quote-left w3-text-teal"></i> As a recruiter, Hams has helped me find top ta
297 <div class="w3-row w3-margin-top">
298 <div class="w3-col s3">
299 
300 </div>
301 <div class="w3-col s9 w3-padding">
302 <h4>Ubheydeep Singh</h4>
303 <p class="w3-opacity">HR Director at Amazon</p>
304 </div>
305 </div>
306 </div>
307 </div>
308 <div class="w3-col m4 w3-margin-bottom">
309 <div class="w3-card w3-white testimonial-card">
310 <p class="w3-large"><i class="fa fa-quote-left w3-text-teal"></i> The job matching algorithm is spot on! I recei
311 <div class="w3-row w3-margin-top">
312 <div class="w3-col s3">
313 
314 </div>
315 <div class="w3-col s9 w3-padding">
316 <h4>Angelo Santos</h4>
317 <p class="w3-opacity">Senior Developer at Microsoft</p>
318 </div>
319 </div>
320 </div>
321 </div>
322

```

```

index.html > html > body > div.w3-top > div#navbar.w3-bar.w3-white.w3-card.w3-large > div.w3-right.w3-hide-small > a.w3-bar-item.w3-button.w3-padding-large
2 <html lang="en">
12 <body>
85 <div class="w3-main" style="margin-top: 50px;">
339 <div class="w3-container w3-padding-64" id="contact">
340 <div class="w3-center section-title">Contact Us</div>
341 <div class="w3-row-padding">
342 <div class="w3-col m5">
343 <div class="w3-padding-16">
344 <span class="w3-opacity w3-large">Get in touch</span>
345 </div>
346 <p><i class="fa fa-map-marker w3-text-teal w3-large"></i> 25th Floor, P8Com Tower, Ayala Avenue, Makati City, Philippines</p>
347 <p><i class="fa fa-phone w3-text-teal w3-large"></i> +63 2 8888 1234</p>
348 <p><i class="fa fa-envelope w3-text-teal w3-large"></i> info@Hams.com</p>
349 <div class="w3-padding-16">
350 <span class="w3-opacity w3-large">Follow us</span>
351 </div>
352 <p>
353 <a href="https://www.facebook.com/markian.hamot.1" target="_blank" class="w3-button w3-teal w3-round w3-margin-right">Facebook</a>
354 </p>
355 </div>
356 <div class="w3-col m7">
357 <form class="w3-container w3-card w3-padding-32">
358 <div class="w3-section">
359 <label>Name</label>
360 <input class="w3-input w3-border" type="text" name="Name" required>
361 </div>
362 <div class="w3-section">
363 <label>Email</label>
364 <input class="w3-input w3-border" type="text" name="Email" required>
365 </div>
366 <div class="w3-section">
367 <label>Subject</label>
368 <input class="w3-input w3-border" type="text" name="Subject" required>
369 </div>
370 <div class="w3-section">
371 <label>Message</label>
372 <textarea class="w3-input w3-border" name="Message" required style="height:150px"></textarea>
373 </div>
374 <button type="submit" class="w3-button w3-teal w3-right btn-rounded">Send Message</button>
375 </form>

```

```

2 <html lang="en">
12 <body>
85 <div class="w3-main" style="margin-top: 50px;">
379 </div>
380
381 <footer class="w3-container w3-dark-grey w3-padding-32">
382 <div class="w3-row-padding">
383 <div class="w3-col s4 w3-margin-bottom">
384 <h4>Hams</h4>
385 <p class="w3-opacity">Connecting talent with opportunity since 2015.</p>
386 <p>&copy; 2023 Hams. All rights reserved.</p>
387 </div>
388 <div class="w3-col s4 w3-margin-bottom">
389 <h4>Quick Links</h4>
390 <p><a href="#" class="w3-hover-text-teal">About Us</a></p>
391 <p><a href="#" class="w3-hover-text-teal">Privacy Policy</a></p>
392 <p><a href="#" class="w3-hover-text-teal">Terms of Service</a></p>
393 <p><a href="#" class="w3-hover-text-teal">FAQ</a></p>
394 </div>
395 <div class="w3-col s4 w3-margin-bottom">
396 <h4>Newsletter</h4>
397 <p>Subscribe to get job alerts and career tips</p>
398 <div class="w3-row">
399 <div class="w3-col s8">
400 <input class="w3-input w3-border" type="text" placeholder="Your Email">
401 </div>
402 <div class="w3-col s4">
403 <button class="w3-button w3-teal w3-block">Subscribe</button>
404 </div>
405 </div>
406 </div>
407 </div>
408 </footer>
409
410 </body>
411 </html>

```

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