

Task 1

MUSIC PLAYER

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Muhammad Khan · music player (with your songs)</title>
7   <!-- Font Awesome 6 -->
8   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
9   <style>
10    * {
11      margin: 0;
12      padding: 0;
13      box-sizing: border-box;
14      font-family: 'Inter', system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, sans-serif;
15    }
16   body {
17     background: linear-gradient(145deg, #0b1120 0%, #19233c 100%);
18     min-height: 100vh;
19     display: flex;
20     justify-content: center;
21     align-items: center;
22     padding: 1.5rem;
23   }
24   .player-container {
25     max-width: 1200px;
26     width: 100%;
27     background: rgba(18, 25, 40, 0.85);
28     backdrop-filter: blur(12px);
29     border-radius: 2.8rem;
30     box-shadow: 0 30px 50px rgba(0, 10, 30, 0.7);
31     border: 1px solid rgba(90, 140, 255, 0.2);
32     overflow: hidden;
33     padding: 2rem 2rem 2rem 2rem;
34     color: #eef5ff;
35   }
36   /* header with location / name */
37   .player-header {
38     display: flex;
39     flex-wrap: wrap;
40     justify-content: space-between;
41     align-items: center;
42     margin-bottom: 2rem;
43   }
44   .title h1 {
45     font-size: 2.3rem;
46     font-weight: 650;
47     background: linear-gradient(120deg, #ffffff, #9fc5ff);
48     -webkit-background-clip: text;
49     -webkit-text-fill-color: transparent;
50     background-clip: text;
51   }
52   .location-badge {
53     background: #1e2b45;
```

```
53     background: #1e2043;
54     padding: 0.7rem 1.5rem;
55     border-radius: 3rem;
56     font-size: 1rem;
57     border: 1px solid #3a4f7a;
58   }
59   .location-badge i {
60     color: #3b82f6;
61     margin-right: 0.5rem;
62   }
63   /* main player grid */
64   .player-grid {
65     display: grid;
66     grid-template-columns: 1.1fr 2fr;
67     gap: 2rem;
68     margin-bottom: 2rem;
69   }
70   /* left: now playing + cover */
71   .now-playing-card {
72     background: #101b30;
73     border-radius: 2.2rem;
74     padding: 1.8rem 1.5rem;
75     border: 1px solid #2c3f60;
76     box-shadow: 0 20px 25px -10px #00000055;
77   }
78   .cover-art {
79     width: 100%;
80     aspect-ratio: 1/1;
81     background: linear-gradient(135deg, #1e2f4a, #17212f);
82     border-radius: 2rem;
83     display: flex;
84     align-items: center;
85     justify-content: center;
86     margin-bottom: 1.5rem;
87     border: 2px solid #3561b1;
88     box-shadow: 0 10px 20px #00000060;
89   }
90   .cover-art i {
91     font-size: 6rem;
92     color: #5a7fc0;
93     opacity: 0.7;
94   }
95   .track-info {
96     text-align: center;
97   }
98   .track-info h3 {
99     font-size: 1.7rem;
100    font-weight: 600;
101    white-space: nowrap;
102    overflow: hidden;
103    text-overflow: ellipsis;
104  }
105  .track-info p {
106    color: #a0b9e0;
107    font-size: 0.8rem;
108  }
```

```
105     color: #a0a0a0;
106     margin: 0.5rem 0 1.5rem;
107     font-size: 1.1rem;
108   }
109   /* control buttons */
110   .control-buttons {
111     display: flex;
112     justify-content: center;
113     gap: 1.8rem;
114     margin: 1.5rem 0 1.8rem;
115   }
116   .control-buttons button {
117     background: none;
118     border: none;
119     color: #d9e6ff;
120     font-size: 2.2rem;
121     cursor: pointer;
122     transition: 0.1s;
123     width: 3.5rem;
124     height: 3.5rem;
125     border-radius: 50%;
126     display: flex;
127     align-items: center;
128     justify-content: center;
129   }
130   .control-buttons button:hover {
131     background: #253c60;
132     color: white;
133   }
134   #playPauseBtn {
135     background: #3b82f6;
136     color: white;
137     font-size: 2rem;
138     box-shadow: 0 8px 16px #1e3a8a;
139   }
140   #playPauseBtn:hover {
141     background: #2563eb;
142     transform: scale(1.03);
143   }
144   /* progress & volume */
145   .progress-container {
146     display: flex;
147     align-items: center;
148     gap: 0.8rem;
149     margin: 1rem 0;
150   }
151   .progress-bar {
152     flex: 1;
153     height: 6px;
154     background: #253a5a;
155     border-radius: 10px;
156     overflow: hidden;
157     cursor: pointer;
158   }
159 }
```

```
159      }
160      .progress-fill {
161          height: 100%;
162          width: 0%;
163          background: linear-gradient(90deg, #6094ff, #a0c0ff);
164          border-radius: 10px;
165      }
166      .time {
167          font-size: 0.9rem;
168          color: #b0c6ec;
169      }
170      .volume-row {
171          display: flex;
172          align-items: center;
173          gap: 1rem;
174          margin: 1rem 0 0.5rem;
175      }
176      .volume-row i {
177          font-size: 1.3rem;
178          color: #86a9f0;
179          width: 1.8rem;
180      }
181      #volumeSlider {
182          flex: 1;
183          height: 5px;
184          background: #253a5a;
185          border-radius: 10px;
186          accent-color: #3b82f6;
187      }
188
189      /* right side: search + playlist */
190      .playlist-section {
191          background: #0f182b;
192          border-radius: 2.2rem;
193          padding: 1.8rem 1.5rem;
194          border: 1px solid #2c3f60;
195          display: flex;
196          flex-direction: column;
197      }
198      .search-box {
199          display: flex;
200          background: #1e2c44;
201          border-radius: 3rem;
202          padding: 0.3rem 0.3rem 0.3rem 1.5rem;
203          align-items: center;
204          margin-bottom: 1.5rem;
205          border: 1px solid #3a5380;
206      }
207      .search-box i {
208          color: #6d8fd1;
209      }
210      .search-box input {
211          flex: 1;
212          background: transparent;
```

```
212         background: transparent,
213         border: none;
214         padding: 0.9rem 0.5rem;
215         color: white;
216         font-size: 1rem;
217         outline: none;
218     }
219     .search-box input::placeholder {
220         color: #859dca;
221     }
222     .category-filter {
223         display: flex;
224         gap: 0.5rem;
225         flex-wrap: wrap;
226         margin-bottom: 1.5rem;
227     }
228     .cat-btn {
229         background: #1b2842;
230         border: 1px solid #31486f;
231         color: #c7dff;
232         padding: 0.5rem 1.3rem;
233         border-radius: 3rem;
234         font-size: 0.9rem;
235         cursor: pointer;
236         transition: 0.1s;
237     }
238     .cat-btn.active {
239         background: #3b82f6;
240         color: white;
241         border-color: #3b82f6;
242     }
243     .cat-btn:hover {
244         background: #2f4370;
245     }
246     /* playlist */
247     .playlist-header {
248         display: flex;
249         justify-content: space-between;
250         margin-bottom: 1rem;
251         color: #b3ccff;
252     }
253     .playlist-ul {
254         list-style: none;
255         overflow-y: auto;
256         max-height: 280px;
257         padding-right: 0.5rem;
258     }
259     .playlist-ul li {
260         display: flex;
261         align-items: center;
262         gap: 1rem;
263         padding: 0.9rem 1rem;
264         background: #121f37;
265         border-radius: 1.8rem;
266     }
```

```
266         margin-bottom: 0.7rem;
267         border: 1px solid #283b5a;
268         cursor: pointer;
269         transition: 0.1s;
270     }
271     .playlist-ul li:hover {
272         background: #1b2f4e;
273         border-color: #5675b9;
274     }
275     .playlist-ul li.playing {
276         background: #1f3760;
277         border-left: 6px solid #3b82f6;
278     }
279     .playlist-ul li .fa-music {
280         color: #5588dd;
281         font-size: 1.2rem;
282     }
283     .track-meta {
284         flex: 1;
285     }
286     .track-name {
287         font-weight: 600;
288     }
289     .track-artist {
290         font-size: 0.8rem;
291         color: #9cb2df;
292     }
293     .duration {
294         color: #a7bbeb;
295         font-size: 0.9rem;
296     }
297     .youtube-icon {
298         color: #ff0000;
299         margin-left: 5px;
300     }
301     footer {
302         margin-top: 2rem;
303         text-align: center;
304         color: #6e87b5;
305         font-size: 0.9rem;
306         border-top: 1px solid #233155;
307         padding-top: 1.5rem;
308     }
309     footer i {
310         color: #3b82f6;
311     }
312     /* scroll */
313     .playlist-ul::-webkit-scrollbar {
314         width: 5px;
315     }
316     .playlist-ul::-webkit-scrollbar-track {
317         background: #15223b;
318     }
```

```
319     .playlist-ul::-webkit-scrollbar-thumb {
320         background: #365591;
321         border-radius: 10px;
322     }
323     .note {
324         font-size: 0.8rem;
325         color: #93b0e5;
326         margin-top: 0.3rem;
327     }
328 </style>
329 </head>
330 <body>
331 <div class="player-container">
332     <!-- header with name/location -->
333     <div class="player-header">
334         <div class="title">
335             <h1><i class="fas fa-headphones-alt" style="margin-right: 10px;"></i>Muhammad's Beats</h1>
336         </div>
337         <div class="location-badge">
338             <i class="fas fa-map-pin"></i> Banda Nabi, Pabbi · 4th sem UET
339         </div>
340     </div>
341
342     <!-- main grid -->
343     <div class="player-grid">
344         <!-- left panel: now playing + controls -->
345         <div class="now-playing-card">
346             <div class="cover-art">
347                 <i class="fab fa-youtube" style="color:#ff4d4d; font-size:6rem;"></i>
348             </div>
349             <div class="track-info">
350                 <h3 id="currentTitle">Loading...</h3>
351                 <p id="currentArtist">please select a track</p>
352             </div>
353             <!-- control buttons -->
354             <div class="control-buttons">
355                 <button id="prevBtn" title="previous"><i class="fas fa-backward-step"></i></button>
356                 <button id="playPauseBtn" title="play/pause"><i class="fas fa-play"></i></button>
357                 <button id="nextBtn" title="next"><i class="fas fa-forward-step"></i></button>
358             </div>
359             <!-- progress bar -->
360             <div class="progress-container">
361                 <span class="time" id="currentTime">0:00</span>
362                 <div class="progress-bar" id="progressBar">
363                     <div class="progress-fill" id="progressFill"></div>
364                 </div>
365                 <span class="time" id="durationTime">0:00</span>
366             </div>
367             <!-- volume control -->
368             <div class="volume-row">
369                 <i class="fas fa-volume-high"></i>
370                 <input type="range" id="volumeSlider" min="0" max="1" step="0.01" value="0.7">
371             </div>
```

```

    </div>
    <div class="note"><i class="fab fa-youtube youtube-icon"></i> your two songs are linked below</div>
</div>

<!-- right panel: search, category, playlist --&gt;
&lt;div class="playlist-section"&gt;
    &lt;div class="search-box"&gt;
        &lt;i class="fas fa-search"&gt;&lt;/i&gt;
        &lt;input type="text" id="searchInput" placeholder="search songs or artists..."&gt;
    &lt;/div&gt;
    &lt;div class="category-filter" id="categoryContainer"&gt;
        &lt;button class="cat-btn active" data-cat="all"&gt;All&lt;/button&gt;
        &lt;button class="cat-btn" data-cat="yoruba"&gt;Yoruba&lt;/button&gt;
        &lt;button class="cat-btn" data-cat="tech"&gt;Tech&lt;/button&gt;
    &lt;/div&gt;
    &lt;div class="playlist-header"&gt;
        &lt;span&gt;&lt;i class="fas fa-list"&gt;&lt;/i&gt; playlist · your songs&lt;/span&gt;
        &lt;span id="playlistCount"&gt;2 tracks&lt;/span&gt;
    &lt;/div&gt;
    &lt;ul class="playlist-ul" id="playlist"&gt;&lt;/ul&gt;
&lt;/div&gt;
&lt;div&gt;
    &lt;i class="fab fa-youtube youtube-icon"&gt;&lt;/i&gt; tracks linked: your two YouTube songs · play, pause, skip, volume · search &amp; category
&lt;/div&gt;
&lt;script&gt;
(function() {
    // ----- YOUR TWO YOUTUBE SONGS (exact links you provided) -----
    const musicCatalog = [
        {
            id: 1,
            title: "Unknown Brain - Inspiration (feat. Aviella)",
            artist: "Unknown Brain",
            category: "yoruba",      // just for filtering, you can change
            duration: 235,           // approximate duration in seconds (3:55)
            youtubeId: "X7UkugXA-Xg",
            url: "https://youtu.be/X7UkugXA-Xg?si=n4xgsfhtQDLpID4o"
        },
        {
            id: 2,
            title: "Raven &amp; Kreyn - Muffin",
            artist: "Raven &amp; Kreyn",
            category: "tech",
            duration: 198,           // approximate (3:18)
            youtubeId: "nkqZevY_j7o",
            url: "https://youtu.be/nkqZevY_j7o?si=PnnJXSt3idYQ1nW6"
        }
    ];
    // ----- state -----
    let currentTrackIndex = 0;
    let filteredTracks = [...musicCatalog];
</pre>

```

```
425      let currentFilterCategory = "all";
426      let searchQuery = "";
427      let isPlaying = false;
428
429      // Audio element (we'll use it to simulate, but we'll also open youtube on cover click)
430      const audioElement = new Audio(); // not used for actual youtube, but for simulation
431      // We'll simulate progress and offer to open YouTube when play is clicked
432
433      // UI elements
434      const playPauseBtn = document.getElementById('playPauseBtn');
435      const prevBtn = document.getElementById('prevBtn');
436      const nextBtn = document.getElementById('nextBtn');
437      const currentTitle = document.getElementById('currentTitle');
438      const currentArtist = document.getElementById('currentArtist');
439      const playlistEl = document.getElementById('playlist');
440      const searchInput = document.getElementById('searchInput');
441      const catButtons = document.querySelectorAll('.cat-btn');
442      const progressFill = document.getElementById('progressFill');
443      const currentTimeSpan = document.getElementById('currentTime');
444      const durationSpan = document.getElementById('durationTime');
445      const progressBar = document.getElementById('progressBar');
446      const volumeSlider = document.getElementById('volumeSlider');
447      const playlistCount = document.getElementById('playlistCount');
448      const coverArt = document.querySelector('.cover-art');
449
450      // helper: format seconds to mm:ss
451      function formatTime(seconds) {
452          if (isNaN(seconds)) return '0:00';
453          const mins = Math.floor(seconds / 60);
454          const secs = Math.floor(seconds % 60);
455          return `${mins}:${secs < 10 ? '0' : ''}${secs}`;
456      }
457
458      // update playlist UI based on filteredTracks
459      function renderPlaylist() {
460          if (!playlistEl) return;
461          let html = '';
462          filteredTracks.forEach((track, idx) => {
463              const isActive = (filteredTracks[currentTrackIndex] && filteredTracks[currentTrackIndex].id === track.id);
464              const activeClass = isActive ? 'playing' : '';
465              html += `<li class="${activeClass}" data-index="${idx}" data-id="${track.id}">
466                  <i class="fab fa-youtube" style="color:#ff4d4d;"></i>
467                  <div class="track-meta">
468                      <div class="track-name">${track.title}</div>
469                      <div class="track-artist">${track.artist}</div>
470                  </div>
471                  <span class="duration">${formatTime(track.duration)}</span>
472              </li>`;
473          });
474          playlistEl.innerHTML = html;
475          playlistCount.innerText = filteredTracks.length + ' tracks';
476
477          // attach click event to each li
```

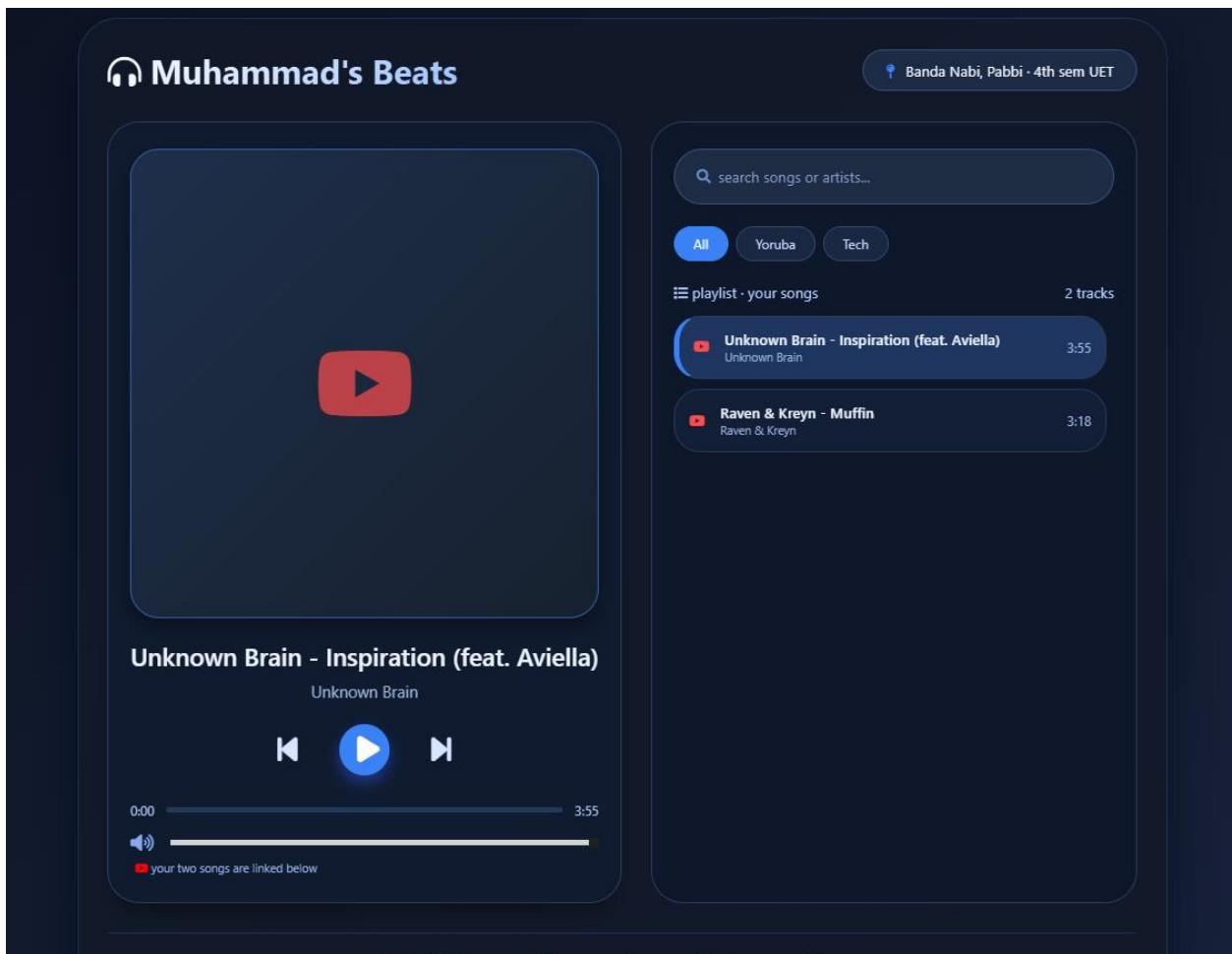
```
477    // attach click event to each li
478    document.querySelectorAll('#playlist li').forEach(li => {
479        li.addEventListener('click', (e) => {
480            const idx = li.getAttribute('data-index');
481            if (idx !== null) {
482                currentTrackIndex = parseInt(idx);
483                loadTrack(currentTrackIndex);
484                // reset play button to play state (user must click play to open youtube)
485                if (isPlaying) {
486                    isPlaying = false;
487                    playPauseBtn.innerHTML = '<i class="fas fa-play"></i>';
488                }
489                renderPlaylist();
490            }
491        });
492    });
493 }
494
495 // load track given index in filteredTracks
496 function loadTrack(index) {
497     if (filteredTracks.length === 0) return;
498     if (index < 0) index = filteredTracks.length - 1;
499     if (index >= filteredTracks.length) index = 0;
500     currentTrackIndex = index;
501     const track = filteredTracks[currentTrackIndex];
502     currentTitle.innerText = track.title;
503     currentArtist.innerText = track.artist;
504     durationSpan.innerText = formatTime(track.duration);
505
506     // reset progress display
507     audioElement.currentTime = 0;
508     updateProgress();
509     renderPlaylist();
510 }
511
512 // progress simulation (visual only, since we don't stream actual audio)
513 let interval = null;
514 function startProgressSimulation() {
515     if (interval) clearInterval(interval);
516     interval = setInterval(() => {
517         if (isPlaying && filteredTracks[currentTrackIndex]) {
518             let newTime = audioElement.currentTime + 1;
519             const trackDuration = filteredTracks[currentTrackIndex].duration;
520             if (newTime >= trackDuration) {
521                 // auto next when song finishes
522                 nextTrack();
523             } else {
524                 audioElement.currentTime = newTime;
525                 updateProgress();
526             }
527         }
528     }, 1000);
529 }
530 }
```

```
530
531     function updateProgress() {
532         if (filteredTracks[currentTrackIndex]) {
533             const trackDuration = filteredTracks[currentTrackIndex].duration;
534             const percent = (audioElement.currentTime / trackDuration) * 100;
535             progressFill.style.width = percent + '%';
536             currentTimeSpan.innerText = formatTime(audioElement.currentTime);
537         }
538     }
539
540     // function to open current youtube song in a new tab
541     function openCurrentYouTube() {
542         if (filteredTracks.length > 0 && filteredTracks[currentTrackIndex]) {
543             const track = filteredTracks[currentTrackIndex];
544             window.open(track.url, '_blank');
545         }
546     }
547
548     // toggle play: actually opens youtube in new tab (since we can't embed youtube audio directly)
549     function togglePlay() {
550         if (filteredTracks.length === 0) return;
551
552         if (!isPlaying) {
553             // Open the YouTube video when user hits play
554             openCurrentYouTube();
555
556             // Simulate playing for UI (progress, etc)
557             audioElement.currentTime = 0;
558             audioElement.duration = filteredTracks[currentTrackIndex].duration;
559             isPlaying = true;
560             playPauseBtn.innerHTML = '<i class="fas fa-pause"></i>';
561             startProgressSimulation();
562         } else {
563             // pause simulation
564             isPlaying = false;
565             playPauseBtn.innerHTML = '<i class="fas fa-play"></i>';
566             if (interval) {
567                 clearInterval(interval);
568                 interval = null;
569             }
570         }
571     }
572
573     function nextTrack() {
574         if (filteredTracks.length === 0) return;
575         let newIndex = currentTrackIndex + 1;
576         if (newIndex >= filteredTracks.length) newIndex = 0;
577         currentTrackIndex = newIndex;
578         loadTrack(currentTrackIndex);
579
580         // If was playing, open new youtube and continue simulation
581         if (isPlaying) {
582             openCurrentYouTube();
583             audioElement.currentTime = 0;
```

```
583         audioElement.currentTime = 0;
584         updateProgress();
585     } else {
586         audioElement.currentTime = 0;
587         updateProgress();
588     }
589     renderPlaylist();
590 }
591
592 function prevTrack() {
593     if (filteredTracks.length === 0) return;
594     let newIndex = currentTrackIndex - 1;
595     if (newIndex < 0) newIndex = filteredTracks.length - 1;
596     currentTrackIndex = newIndex;
597     loadTrack(currentTrackIndex);
598
599     if (isPlaying) {
600         openCurrentYouTube();
601         audioElement.currentTime = 0;
602         updateProgress();
603     } else {
604         audioElement.currentTime = 0;
605         updateProgress();
606     }
607     renderPlaylist();
608 }
609
// filter + search
610 function applyFilterAndSearch() {
611     let filtered = musicCatalog;
612
613     // category
614     if (currentFilterCategory !== 'all') {
615         filtered = filtered.filter(t => t.category === currentFilterCategory);
616     }
617
618     // search (title or artist)
619     if (searchQuery.trim() !== '') {
620         const q = searchQuery.toLowerCase().trim();
621         filtered = filtered.filter(t => t.title.toLowerCase().includes(q) || t.artist.toLowerCase().includes(q));
622     }
623
624     filteredTracks = filtered;
625
626     // adjust current index
```

```
628         if (filteredTracks.length > 0) {
629             const currentId = filteredTracks[currentTrackIndex]?.id;
630             const newIndex = filteredTracks.findIndex(t => t.id === currentId);
631             if (newIndex !== -1) {
632                 currentTrackIndex = newIndex;
633             } else {
634                 currentTrackIndex = 0;
635             }
636             loadTrack(currentTrackIndex);
637         } else {
638             // empty
639             currentTitle.innerText = 'no tracks';
640             currentArtist.innerText = '';
641             playlistEl.innerHTML = '<li style="justify-content:center;">No matches</li>';
642             playlistCount.innerText = '0 tracks';
643             return;
644         }
645         renderPlaylist();
646     }
647
648     // event listeners
649     playPauseBtn.addEventListener('click', togglePlay);
650     nextBtn.addEventListener('click', nextTrack);
651     prevBtn.addEventListener('click', prevTrack);
652
653     // Click on cover art also opens youtube (nice extra)
654     coverArt.addEventListener('click', () => {
655         if (filteredTracks.length > 0) {
656             openCurrentYouTube();
657         }
658     });
659
660     searchInput.addEventListener('input', (e) => {
661         searchQuery = e.target.value;
662         applyFilterAndSearch();
663     });
664
665     catButtons.forEach(btn => {
666         btn.addEventListener('click', () => {
667             catButtons.forEach(b => b.classList.remove('active'));
668             btn.classList.add('active');
669             currentFilterCategory = btn.getAttribute('data-cat');
670             applyFilterAndSearch();
671         });
672     });
673 }
```

```
671         //,
672     });
673
674     // volume control (simulated, but we keep it)
675     volumeSlider.addEventListener('input', (e) => {
676         // no real effect but keeps ui consistent
677     });
678
679     // progress bar seeking
680     progressBar.addEventListener('click', (e) => {
681         if (!filteredTracks[currentTrackIndex]) return;
682         const rect = progressBar.getBoundingClientRect();
683         const clickX = e.clientX - rect.left;
684         const percent = clickX / rect.width;
685         const trackDuration = filteredTracks[currentTrackIndex].duration;
686         audioElement.currentTime = percent * trackDuration;
687         updateProgress();
688     });
689
690     // initialize
691     audioElement.currentTime = 0;
692     filteredTracks = [...musicCatalog];
693     currentTrackIndex = 0;
694     loadTrack(0);
695     renderPlaylist();
696     playPauseBtn.innerHTML = '<i class="fas fa-play"></i>';
697     isPlaying = false;
698     updateProgress();
699 })();
700 </script>
701 </body>
702 </html>
```



Task 2

SOCIAL NETWORK PLATFORM

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Muhammad Khan · Portfolio + Social Network</title>
7      <!-- Font Awesome 6 -->
8      <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">
9      <style>
10         * {
11             margin: 0;
12             padding: 0;
13             box-sizing: border-box;
14             font-family: 'Inter', -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, sans-serif;
15         }
16         body {
17             background: #f0f2f5;
18         }
19
20         /* ----- portfolio section (merged from first code) ----- */
21         .portfolio-header {
22             background: linear-gradient(145deg, #0b1120, #1e2a4a);
23             color: white;
24             padding: 2rem 2rem 1.5rem;
25             border-bottom: 4px solid #3b82f6;
26         }
27         .portfolio-container {
28             max-width: 1400px;
29             margin: 0 auto;
30             display: flex;
31             flex-wrap: wrap;
32             align-items: center;
33             justify-content: space-between;
34         }
35         .portfolio-text h1 {
36             font-size: 2.8rem;
37             font-weight: 700;
38             background: linear-gradient(120deg, #ffffff, #9fc5ff);
39             -webkit-background-clip: text;
40             -webkit-text-fill-color: transparent;
41         }
42         .portfolio-text .tagline {
43             font-size: 1.3rem;
44             color: #a0c0ff;
45             margin: 0.5rem 0;
46         }

```

```
47      .portfolio-location {
48        display: flex;
49        gap: 2rem;
50        margin-top: 1rem;
51        color: #cbd5e1;
52      }
53      .portfolio-location i {
54        color: #3b82f6;
55        margin-right: 0.5rem;
56      }
57      .portfolio-stats {
58        display: flex;
59        gap: 2rem;
60        background: #1e2b45;
61        padding: 1rem 2rem;
62        border-radius: 3rem;
63        border: 1px solid #3a4f7a;
64      }
65      .portfolio-stats div {
66        text-align: center;
67      }
68      .portfolio-stats .number {
69        font-size: 1.5rem;
70        font-weight: 700;
71        color: #3b82f6;
72      }
73      /* navbar (from social code) */
74      .navbar {
75        background: #1e2a4a;
76        color: white;
77        padding: 0.8rem 2rem;
78        display: flex;
79        justify-content: space-between;
80        align-items: center;
81        position: sticky;
82        top: 0;
83        z-index: 100;
84        box-shadow: 0 2px 10px rgba(0,0,0,0.2);
85      }
86      .logo h2 {
87        font-size: 1.8rem;
88        background: linear-gradient(135deg, #fff, #a8c7ff);
89        -webkit-background-clip: text;
90        -webkit-text-fill-color: transparent;
91      }
92      .logo i {
93        color: #3b82f6;
```

```
94             margin-right: 8px;
95         }
96     .search-bar {
97         background: #2a3a60;
98         border-radius: 2rem;
99         padding: 0.5rem 1rem;
100        display: flex;
101        align-items: center;
102        width: 300px;
103    }
104    .search-bar i {
105        color: #8ba3d9;
106        margin-right: 8px;
107    }
108    .search-bar input {
109        background: transparent;
110        border: none;
111        color: white;
112        width: 100%;
113        outline: none;
114    }
115    .search-bar input::placeholder {
116        color: #9bb1da;
117    }
118    .nav-icons {
119        display: flex;
120        gap: 1.5rem;
121        font-size: 1.4rem;
122    }
123    .badge {
124        background: #ef4444;
125        color: white;
126        font-size: 0.7rem;
127        padding: 0.2rem 0.5rem;
128        border-radius: 1rem;
129        position: relative;
130        top: -10px;
131        left: -10px;
132    }
```

```
132      }
133
134  /* main container - social grid */
135  .container {
136    display: grid;
137    grid-template-columns: 1fr 2fr 1.2fr;
138    gap: 1.5rem;
139    padding: 1.5rem 2rem;
140    max-width: 1400px;
141    margin: 0 auto;
142  }
143
144  /* left sidebar - user profile (merged portfolio details) */
145  .left-sidebar {
146    background: white;
147    border-radius: 1.5rem;
148    padding: 1.5rem;
149    box-shadow: 0 2px 8px rgba(0,0,0,0.05);
150    height: fit-content;
151  }
152  .profile-card {
153    text-align: center;
154    border-bottom: 1px solid #e5e7eb;
155    padding-bottom: 1.2rem;
156    margin-bottom: 1.2rem;
157  }
158  .avatar-large {
159    width: 100px;
160    height: 100px;
161    background: linear-gradient(135deg, #3b82f6, #8b5cf6);
162    border-radius: 50%;
163    margin: 0 auto 1rem;
164    display: flex;
165    align-items: center;
166    justify-content: center;
167    font-size: 3rem;
168    color: white;
169    border: 4px solid #dbeafe;
170  }
171  .profile-card h3 {
```

```
171     .profile-card h3 {
172         color: #0f172a;
173     }
174     .location {
175         color: #64748b;
176         font-size: 0.9rem;
177         margin: 0.5rem 0;
178     }
179     .stats {
180         display: flex;
181         justify-content: space-around;
182         margin: 1rem 0;
183     }
184     .stat-item {
185         text-align: center;
186     }
187     .stat-number {
188         font-weight: 700;
189         font-size: 1.2rem;
190         color: #0f172a;
191     }
192     .stat-label {
193         font-size: 0.8rem;
194         color: #64748b;
195     }
196     .menu-item {
197         padding: 0.8rem;
198         border-radius: 1rem;
199         display: flex;
200         align-items: center;
201         gap: 1rem;
202         color: #334155;
203         transition: 0.1s;
204         cursor: pointer;
205     }
206     .menu-item:hover, .menu-item.active {
207         background: #eef2ff;
208         color: #2563eb;
209     }
210     /* education card */
```

```
211     .education-card {
212         background: #f8fafc;
213         border-radius: 1rem;
214         padding: 1rem;
215         margin-top: 1rem;
216     }
217     .edu-item {
218         display: flex;
219         gap: 0.8rem;
220         margin: 0.8rem 0;
221         align-items: center;
222     }
223
224     /* feed and right sidebar same as social code */
225     .feed {
226         display: flex;
227         flex-direction: column;
228         gap: 1.5rem;
229     }
230     .create-post {
231         background: white;
232         border-radius: 1.5rem;
233         padding: 1.5rem;
234         box-shadow: 0 2px 8px rgba(0,0,0,0.05);
235     }
236     .post-input {
237         display: flex;
238         gap: 1rem;
239         align-items: center;
240         margin-bottom: 1rem;
241     }
242     .avatar-small {
243         width: 48px;
244         height: 48px;
245         background: #3b82f6;
246         border-radius: 50%;
247         display: flex;
248         align-items: center;
249         justify-content: center;
```

```
249     justify-content: space-between;
250     color: white;
251     font-weight: bold;
252     font-size: 1.2rem;
253   }
254   .post-input input {
255     flex: 1;
256     padding: 1rem;
257     border: 1px solid #e2e8f0;
258     border-radius: 2rem;
259     outline: none;
260     background: #f8fafc;
261   }
262   .post-actions {
263     display: flex;
264     gap: 1rem;
265     border-top: 1px solid #e2e8f0;
266     padding-top: 1rem;
267   }
268   .post-action {
269     flex: 1;
270     text-align: center;
271     padding: 0.5rem;
272     border-radius: 2rem;
273     cursor: pointer;
274     color: #64748b;
275   }
276   .post-action:hover {
277     background: #f1f5f9;
278     color: #2563eb;
279   }
280   .post-card {
281     background: white;
282     border-radius: 1.5rem;
283     padding: 1.5rem;
284     box-shadow: 0 2px 8px rgba(0,0,0,0.05);
285   }
286   .post-header {
287     display: flex;
288     justify-content: space-between;
```

```
289         margin-bottom: 1rem;
290     }
291     .post-author {
292         display: flex;
293         gap: 1rem;
294         align-items: center;
295     }
296     .author-info h4 {
297         color: #0f172a;
298     }
299     .author-info span {
300         color: #64748b;
301         font-size: 0.8rem;
302     }
303     .post-stats {
304         display: flex;
305         gap: 1rem;
306         padding: 0.5rem 0;
307         border-bottom: 1px solid #e2e8f0;
308         margin-bottom: 0.5rem;
309         color: #64748b;
310     }
311     .post-engagement {
312         display: flex;
313         gap: 1rem;
314         padding: 0.5rem 0;
315     }
316     .engagement-btn {
317         flex: 1;
318         text-align: center;
319         padding: 0.5rem;
320         border-radius: 2rem;
321         cursor: pointer;
322         color: #64748b;
323     }
324     .engagement-btn:hover {
325         background: #f1f5f9;
326         color: #2563eb;
327     }
```

```
327     }
328     .engagement-btn.liked {
329         color: #ef4444;
330     }
331     .comment-section {
332         margin-top: 1rem;
333         padding-top: 1rem;
334         border-top: 1px solid #e2e8f0;
335     }
336     .comment {
337         display: flex;
338         gap: 0.8rem;
339         margin: 1rem 0;
340     }
341     .comment-input {
342         display: flex;
343         gap: 0.5rem;
344     }
345     .comment-input input {
346         flex: 1;
347         padding: 0.5rem 1rem;
348         border: 1px solid #e2e8f0;
349         border-radius: 2rem;
350         outline: none;
351     }
352     .right-sidebar {
353         display: flex;
354         flex-direction: column;
355         gap: 1.5rem;
356     }
357     .card {
358         background: white;
359         border-radius: 1.5rem;
360         padding: 1.5rem;
361         box-shadow: 0 2px 8px rgba(0,0,0,0.05);
362     }
363     .friend-request {
364         display: flex;
365         align-items: center;
```

```
366         gap: 1rem;
367         margin-bottom: 1rem;
368         padding-bottom: 1rem;
369         border-bottom: 1px solid #e2e8f0;
370     }
371     .request-actions {
372         display: flex;
373         gap: 0.5rem;
374         margin-top: 0.5rem;
375     }
376     .btn-accept, .btn-decline {
377         padding: 0.3rem 1rem;
378         border-radius: 2rem;
379         border: none;
380         cursor: pointer;
381         font-weight: 500;
382     }
383     .btn-accept {
384         background: #2563eb;
385         color: white;
386     }
387     .btn-decline {
388         background: #e2e8f0;
389         color: #334155;
390     }
391     .notification {
392         display: flex;
393         gap: 1rem;
394         align-items: center;
395         margin-bottom: 1rem;
396         padding: 0.5rem;
397         background: #f8fafc;
398         border-radius: 1rem;
399     }
400     .online-user {
401         display: flex;
402         align-items: center;
403         gap: 1rem;
404         margin-bottom: 1rem;
405     }
```

]

```
406      .online-dot {
407        width: 10px;
408        height: 10px;
409        background: #22c55e;
410        border-radius: 50%;
411    }
412    .realtime-badge {
413      background: #22c55e;
414      color: white;
415      font-size: 0.7rem;
416      padding: 0.2rem 0.8rem;
417      border-radius: 1rem;
418      display: inline-block;
419      margin-left: 0.5rem;
420    }
421  footer {
422    text-align: center;
423    padding: 2rem;
424    color: #64748b;
425    border-top: 1px solid #e2e8f0;
426    background: white;
427  }
428  .skills-cloud {
429    display: flex;
430    flex-wrap: wrap;
431    gap: 0.5rem;
432    margin: 1rem 0;
433  }
434  .skill-badge {
435    background: #dbeafe;
436    color: #1e3a8a;
437    padding: 0.3rem 1rem;
438    border-radius: 2rem;
439    font-size: 0.8rem;
440  }
441  </style>
442 </head>
443 <body>
444    <!-- merged portfolio header -->
```

```

441      
442
443      <div class="portfolio-header">
444          <div class="portfolio-container">
445              <div class="portfolio-text">
446                  <h1>Muhammad Khan</h1>
447                  <div class="tagline">CS&IT student · 4th semester at UET Peshawar (Jalozai)</div>
448                  <div class="portfolio-location">
449                      <span><i class="fas fa-map-pin"></i> Banda Nabi, Pabbi, Nowshera</span>
450                      <span><i class="fas fa-graduation-cap"></i> CGPA: 3.00</span>
451                      <span><i class="fas fa-code"></i> Web Dev Learner</span>
452                  </div>
453              </div>
454          </div>
455          <div class="portfolio-stats">
456              <div><span class="number">SSC A</span><br>Peshawar Model</div>
457              <div><span class="number">HSSC A</span><br>Ghazi Model Pabbi</div>
458              <div><span class="number">4th Sem</span><br>UET Jalozai</div>
459          </div>
460      </div>
461  </div>
462
463
464  <!-- navbar from social network -->
465  <div class="navbar">
466      <div class="logo">
467          <h2><i class="fas fa-globe"></i> Banda Social</h2>
468      </div>
469      <div class="search-bar">
470          <i class="fas fa-search"></i>
471          <input type="text" placeholder="Search people or posts..." id="globalSearch">
472      </div>
473      <div class="nav-icons">
474          <i class="fas fa-home active"></i>
475          <i class="fas fa-user-friends"></i>
476          <i class="fas fa-bell"><span class="badge" id="notificationBadge">3</span></i>
477          <i class="fas fa-cog"></i>
478      </div>
479  </div>
480
481  <!-- main social container with merged portfolio details in left sidebar -->
482  <div class="container">

```

```

483      <!-- left sidebar - now includes portfolio education + skills -->
484      <div class="left-sidebar">
485          <div class="profile-card">
486              <div class="avatar-large">
487                  <i class="fas fa-user-astronaut"></i>
488              </div>
489              <h3>Muhammad Khan</h3>
490              <div class="location"><i class="fas fa-map-pin"></i> Banda Nabi, Pabbi · 4th sem UET</div>
491              <div class="stats">
492                  <div class="stat-item">
493                      <div class="stat-number">248</div>
494                      <div class="stat-label">Posts</div>
495                  </div>
496                  <div class="stat-item">
497                      <div class="stat-number">1.2k</div>
498                      <div class="stat-label">Followers</div>
499                  </div>
500                  <div class="stat-item">
501                      <div class="stat-number">850</div>
502                      <div class="stat-label">Following</div>
503                  </div>
504              </div>
505          </div>
506
507          <!-- Education section from portfolio -->
508          <div class="education-card">
509              <h4><i class="fas fa-graduation-cap" style="color:#2563eb;"></i> Education</h4>
510              <div class="edu-item"><i class="fas fa-school"></i> <strong>SSC A grade</strong> - Peshawar Model School</div>
511              <div class="edu-item"><i class="fas fa-school"></i> <strong>HSSC A grade</strong> - Ghazi Model School Pabbi</div>
512              <div class="edu-item"><i class="fas fa-university"></i> <strong>B.Sc CS&IT (4th sem)</strong> - UET Jalozai, CGPA 3.00</div>
513          </div>
514
515          <!-- Skills from portfolio -->
516          <div class="education-card" style="margin-top:0.5rem;">
517              <h4><i class="fas fa-code"></i> Technical Skills</h4>
518              <div class="skills-cloud">
519                  <span class="skill-badge">C</span>
520                  <span class="skill-badge">C++</span>
521                  <span class="skill-badge">Python</span>

```



```
561             <button class="btn-accept" onclick="acceptRequest(this)"><i class="fas fa-check"></i> Accept</button>
562             <button class="btn-decline" onclick="declineRequest(this)"><i class="fas fa-times"></i></button>
563         </div>
564     </div>
565     <div class="friend-request">
566         <div class="avatar-small" style="background:#10b981;">SR</div>
567         <div>
568             <strong>Sara Riaz</strong>
569             <div class="request-actions">
570                 <button class="btn-accept" onclick="acceptRequest(this)"><i class="fas fa-check"></i> Accept</button>
571                 <button class="btn-decline" onclick="declineRequest(this)"><i class="fas fa-times"></i></button>
572             </div>
573         </div>
574     </div>
575     </div>
576 </div>
577 <div class="card">
578     <h3><i class="fas fa-bell"></i> Notifications <span class="realtime-badge">●</span></h3>
579     <div id="notificationslist">
580         <div class="notification"><i class="fas fa-heart" style="color:#ef4444;"></i><div>Ahmed liked your post</div></div>
581         <div class="notification"><i class="fas fa-comment" style="color:#3b82f6;"></i><div>Zara commented: "Great work!"</div></div>
582         <div class="notification"><i class="fas fa-user-plus" style="color:#10b981;"></i><div>Usman started following you</div></div>
583     </div>
584 </div>
585 <div class="card">
586     <h3><i class="fas fa-circle" style="color:#22c55e;"></i> Online Friends</h3>
587     <div class="online-user"><div class="online-dot"></div> Ahmed Raza</div>
588     <div class="online-user"><div class="online-dot"></div> Fatima Akhtar</div>
589     <div class="online-user"><div class="online-dot"></div> Bilal Ahmed</div>
590 </div>
591 </div>
592 </div>
593 </div>
594 <footer>
595     <i class="fas fa-globe"></i> Banda Social · Muhammad Khan · 4th Semester CS&IT · Portfolio + Social Network Demo
596 </footer>
597 </script>
```

```

599     <script>
600         // ----- merged social network functionality -----
601         let posts = [
602             {
603                 id: 1,
604                 author: 'Muhammad Khan',
605                 avatar: 'MK',
606                 time: '5 min ago',
607                 content: 'Just finished my 8086 assembly project! 🖥️ Proud of how it turned out. #coding #UET',
608                 media: null,
609                 likes: 24,
610                 comments: [
611                     { author: 'Ali', text: 'Mashallah, great work!' },
612                     { author: 'Sara', text: 'Can you share the code?' }
613                 ],
614                 liked: false,
615                 showComments: false
616             },
617             {
618                 id: 2,
619                 author: 'Ahmed Raza',
620                 avatar: 'AR',
621                 time: '2 hours ago',
622                 content: 'Anyone interested in a study group for Data Structures? We'll meet at the library.',
623                 media: null,
624                 likes: 15,
625                 comments: [
626                     { author: 'Bilal', text: 'I'm in!' }
627                 ],
628                 liked: false,
629                 showComments: false
630             }
631         ];
632
633         let friendRequests = 2;
634         let notifications = 3;
635
636         function renderPosts() {
637             const container = document.getElementById('postsContainer');
638             if (!container) return;
639
640             let html = '';
641             posts.forEach(post => {
642                 const likedClass = post.liked ? 'liked' : '';
643                 const commentCount = post.comments.map(c =>
644                     `<div class="comment">
645                     <div class="author-small" style="width:32px;height:32px;font-size:0.8rem;background:#64748b;">${c.author[0]}
```

```
687     );
688     container.innerHTML = html;
689   }
690
691   window.toggleLike = function(postId) {
692     const post = posts.find(p => p.id === postId);
693     if (post) {
694       if (post.liked) {
695         post.likes--;
696         post.liked = false;
697       } else {
698         post.likes++;
699         post.liked = true;
700         addNotification('Someone liked your post');
701       }
702     }
703     renderPosts();
704   };
705
706   window.toggleComments = function(postId) {
707     const post = posts.find(p => p.id === postId);
708     if (post) {
709       post.showComments = !post.showComments;
710       renderPosts();
711     }
712   };
713
714   window.addComment = function(postId) {
715     const input = document.getElementById(`commentInput-${postId}`);
716     if (!input || !input.value.trim()) return;
717
718     const post = posts.find(p => p.id === postId);
719     if (post) {
720       post.comments.push({
721         author: 'Muhammad Khan',
722         text: input.value
723       });
724       input.value = '';
725       addNotification('New comment on your post');
726       renderPosts();
727     }
728   };
729
730   document.getElementById('createPostBtn').addEventListener('click', function() {
731     const input = document.getElementById('postContent');
732     if (!input.value.trim()) return;
733     addNotification('Post created');
734   });
735 }
```

```
735     const newPost = {
736       id: Date.now(),
737       author: 'Muhammad Khan',
738       avatar: 'MK',
739       time: 'just now',
740       content: input.value,
741       media: null,
742       likes: 0,
743       comments: [],
744       liked: false,
745       showComments: false
746     };
747
748     posts.unshift(newPost);
749     input.value = '';
750     addNotification('Your post was published');
751     renderPosts();
752   });
753
754   document.getElementById('openMediaModal').addEventListener('click', function() {
755     const newPost = {
756       id: Date.now(),
757       author: 'Muhammad Khan',
758       avatar: 'MK',
759       time: 'just now',
760       content: 'Sharing a photo from my study session 📸',
761       media: '📸 photo_2025-02-14.jpg',
762       likes: 0,
763       comments: [],
764       liked: false,
765       showComments: false
766     };
767     posts.unshift(newPost);
768     renderPosts();
769   });
770
771   window.acceptRequest = function(btn) {
772     const requestDiv = btn.closest('.friend-request');
773     if (requestDiv) {
774       requestDiv.remove();
775       friendRequests--;
776       updateBadges();
777       addNotification('You are now friends!');
778     }
779   };
780
781   window.declineRequest = function(btn) {
```

```
782         const requestDiv = btn.closest('.friend-request');
783         if (requestDiv) {
784             requestDiv.remove();
785             friendRequests--;
786             updateBadges();
787         }
788     );
789
790     function updateBadges() {
791         const badge = document.getElementById('notificationBadge');
792         if (badge) {
793             badge.textContent = friendRequests + notifications;
794         }
795     }
796
797     function addNotification(text) {
798         const list = document.getElementById('notificationsList');
799         const newNotif = document.createElement('div');
800         newNotif.className = 'notification';
801         newNotif.innerHTML = `<i class="fas fa-bell" style="color:#3b82f6;"></i><div>${text}</div>`;
802         if (list) {
803             list.insertBefore(newNotif, list.firstChild);
804             notifications++;
805             updateBadges();
806         }
807     }
808
809     // search functionality
810     document.getElementById('globalSearch').addEventListener('input', function(e) {
811         const query = e.target.value.toLowerCase();
812         if (query.length > 2) {
813             addNotification(`Searching for "${query}"...`);
814         }
815     });
816
817     // settings click
818     document.querySelector('.fa-cog').parentElement.addEventListener('click', function() {
819         alert('⚠ Privacy Settings\n• Profile: Public\n• Posts: Friends\n• Online: Visible');
820     });
821
822     // initial render
823     renderPosts();
824     </script>
825 </body>
826 </html>
```

Muhammad Khan

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SSC A HSSC A 4th Sem
Peshawar Model Ghazi Model Pabbi UET Jatoba

Banda Social Search people or posts...

Muhammad Khan What's on your mind, Muhammad? Photo Video Post

Muhammad Khan Just finished my 2085 assembly project! Proud of how it turned out. Coding #UET 1 min ago 24 2 comments Like Comment Share

Ahmed Raza Ahmed Raza 2 hours ago Anyone interested in a study group for Data Structures? We'll meet at the library. 15 1 comments Like Comment Share

Friend Requests All Khan ✓ Accept ✓ Accept Sara Riaz ✓ Accept

Notifications Ahmed liked your post Zara commented: "Great work!" Usman started following you

Online Friends Ahmed Raza Fatima Akbar Bilal Ahmed

News Feed Friends Saved Events

Banda Social - Muhammad Khan - 4th Semester CS&IT - Portfolio + Social Network Demo