

FACULTY OF COMPUTER SCIENCES AND MATHEMATICS CSM3103 -

FRONT-END PROGRAMMING

BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING) WITH HONOURS

INDIVIDUAL PROJECT REPORT

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1. Introduction

Be:Star is a comprehensive mobile app dedicated to enhancing football skills and nurturing the talents of players at every level. Whether you're a budding football enthusiast seeking to refine your technique or an aspiring professional aiming for stardom, Be:Star provides the resources, guidance, and community support you need to excel on the pitch.

2. Problem Statements

• Aspiring footballers face challenges accessing high-quality training resources, personalized guidance and supportive communities

Many individuals passionate about football struggle to find reliable sources for honing their skills. They may lack access to professional training facilities, experienced coaches, or like-minded peers who share their enthusiasm for the sport. As a result, they may feel isolated or uncertain about how to progress in their football journey.

• Users encounter barriers such as limited content diversity, inadequate performance tracking tools, and a lack of expert guidance

Many football training apps fail to cater to the diverse needs and preferences of users. They may offer a narrow range of training programs, drills, or challenges, making it challenging for users to find content that aligns with their goals and interests. Additionally, these apps may lack robust performance tracking tools, making it difficult for users to monitor their progress or identify areas for improvement. Furthermore, users may struggle to access expert guidance or coaching advice, hindering their ability to develop their skills effectively.

• There is a pressing need for a revolutionary mobile application that addresses these shortcomings and empowers aspiring footballers to unlock their full potential

Given the limitations of existing solutions, there is a clear demand for a more innovative and comprehensive football training app. Such an app should offer a wide range of features, including personalized training programs, performance tracking tools, expert coaching, and community engagement features, to meet the diverse needs of aspiring footballers.

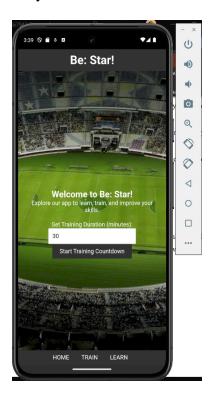
3. Objectives

- Provide users with a platform to improve their football skills through a comprehensive range of training programs, drills, and challenges tailored to their skill levels and positions.
- Offer users access to a wide range of educational resources, including tutorials, strategy breakdowns, and expert insights, to enhance their understanding of the game and empower them to make informed decisions on and off the field.
- Enable users to track their progress, set goals, and monitor their performance metrics, such as speed, accuracy, agility, and endurance, to identify areas for improvement and measure their development over time

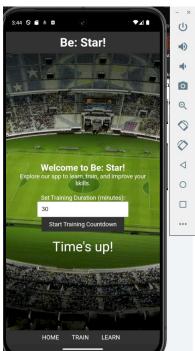
4. App Explanation

• Main Page

This main page shows training duration that you want to do, like you want to do a dribble that you have learnt for 30 minutes. You can set at the main page for 30 minutes and then you dribble until the time is up. This page also have home page, train page and learn page you can discover.

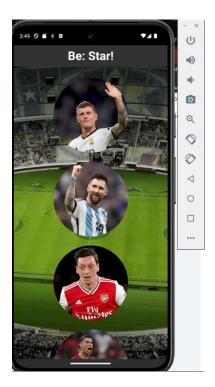


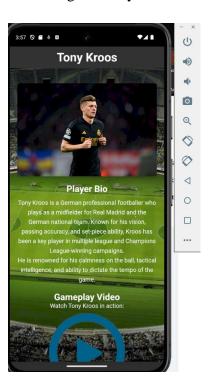


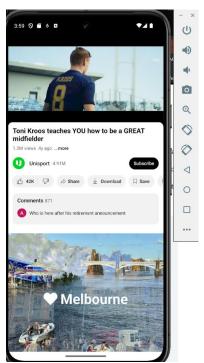


Train Page

This page will show the user the best footballer in the world that they can follow to be a star of the football. One of the star that show in this apps is Tony Kroos, Lionel Messi, Mesut Ozil and Cristiano Ronaldo. You can click in this apps to see his profile and we have a video on how to become like them. You can watch that video easily as we have collab a good trainers to do the video for you. You can easily become one of the star in football coming soon if you learn of it.







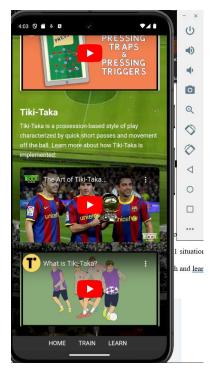
Learn Page

This Page will show the user of the tactical and mentality in the football. User can use whether they want to learn tactical first or mentality. You can learn on how to high pressing if click the tactical. If your team got beaten like 2-0 and want to take a ball fast and do a counter attack as fast could. High pressing is a best tactical to do that. You can also learn tiki-taka with your teammates in tactical as tiki-taka is one of the tactical that you can beat others teammate.

For the mentality we have attacking mentality and defensive mentality on how to handle your mental in a real match. You will know on how to handle your mentality when in football that's for sure.









5. Coding

Index.html

mainpage.html

```
body {

font-family: Arial, sans-serif;

background-image: url('images/backgroud.jpg');

background-size: cover;

background-position: center;

color: ■ #ff;

text-align: center;

padding-top: $0px;

display: flex;

flex-direction: column;

min-height: 100vh;

margin: 0; /* Remove default margin */

}
                 header {
    background-color: □#333;
    color: ■#fff;
    text-align: center;
    redding: 19px;
                            padding: 10px;
width: 100%; /* Ensure header spans full width */
position: fixed; /* Fixed position to stick at the top */
top: 0; /* Align at the top */
z-index: 1000; /* Ensure header is on top of other content */
                           N {
padding: 20px;
margin-top: 60px; /* Adjust margin to make space for fixed header */
flex: 1; /* Occupy remaining vertical space */
                   footer {
    background-color: □#333;
    color: ■#fff;
    text-align: center;
    padding: 10px;
    width: 100%;
    position: fixed;
    bottom: 0;
                     nav ul {
    list-style-type: none;
    padding: 0;
                     nav ul li {
    display: inline;
    margin-right: 10px;
                     nav ul li a {
color: ■#fff;
                              text-decoration: none;
padding: 5px 10px;
                     nav ul li a:hover {
   background-color: □#555;
```

```
.countdown {
            margin-top: 20px;
text-align: center;
      .form-group {
   margin-top: 20px;
             text-align: center;
      input[type="number"] {
   padding: 10px;
   font-size: 16px;
              (Edge 12, Firefox 1, Safari 1, Chrome 1, IE 4, Opera 3)
              Syntax: syntax: line-width> || line-style> || <color>
           border: none;
cursor: pointer;
      button:hover {
   background-color: □#555;
<a href="mainpage.html">HOME</a>
<a href="train.html">TRAIN</a>
<a href="learn.html">>LEARN</a>

<!-- JavaScript files -->
<script src="mainpage.js"></script>
      ript>
var timeInMinutes = parseInt(document.getElementById('training-time').value);
var currentTime = Date.parse(new Date());
var deadline = new Date(currentTime + timeInMinutes * 60 * 1000);
                  var now = new Date().getTime();
var distance = deadline - now;
                   var minutes = Math.floor((distance % (1000 * 60 * 60)) / (1000 * 60));
var seconds = Math.floor((distance % (1000 * 60)) / 1000);
                   if (distance < 0) {
    clearInterval(timerInterval);
    document.getElementById('countdown').innerHTML = "Time's up!";</pre>
```

mainstyles.css

```
padding: 0;
box-sizing: border-box;
 body {
    font-family: Arial, sans-serif;
    background-color: □rgba(0, 0, 0.6); /* Example background color with opacity */
    color: ■#fff;
    display: flex;
    flex-direction: column;
    min-height: 100vh;
    margin: 0; /* Reset default margin */
}
   header {
   background-color: □#333;
   color: ■#fff;
   text-align: center;
   padding: 10px;
             flex:1;
padding: 20px;
display: flex;
flex-direction: column;
align-items: center; /* Center items horizontally */
justify-content: center; /* Center items vertically */
            background-color: □#333;
color: ■#fff;
text-align: center;
padding: 10px;
             padding: 0;
    nav ul li {
    display: inline;
    margin-right: 10px;
   nav ul li a {
    color: ■#fff;
    text-decoration: none;
             padding: 5px 10px;
   nav ul li a:hover {
   background-color: □#555;
   border-radius: 5px;
   /* Additional styles as needed */
.countdown {
font-size: 28px;
margin-top: 20px;
    .form-group {
   margin-top: 20px;
    input[type="number"] {
   padding: 10px;
   font-size: 16px;
button {
   padding: 10px 20px;
   font-size: 16px;
   background-color: □#333;
   color: ■#fff;
   border: none;
   cursor: pointer;
    }
button:hover {
background-color: □#555;
     @media (max-width: 600px) {
              .countdown {
font-size: 24px;
```

train.html

tonykroos.html

```
| Action | A
```

player.css

```
margin: 0;
padding: 0;
box-sizing: border-box;
body {
	font-family: Arial, sans-serif;
	background-color: ■#f0f0f0;
	dicalay: flex;
          display: flex;
flex-direction: column;
min-height: 100vh;
margin: 0; /* Remove default margin */
header {
    background-color: □#333;
    color: ■#fff;
    text-align: center;
    padding: 10px;
main {
    flex: 1;
    padding: 20px;
 .player-info {
    display: flex;
    flex-direction: column;
    align-items: center; /* Center items vertically */
    gap: 20px; /* Spacing between sections */
    margin-top: 20px;
}
 .player-images {
   max-width: 100%;
           width: 100%; /* Ensure images take full width */
border-radius: 8px;
box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
 .player-images img {
   max-width: 100%; /* Ensure images don't exceed container width */
   height: auto; /* Maintain aspect ratio */
   display: block; /* Remove extra space below image */
   border-radius: 8px; /* Rounded corners */
 .player-bio {
| max-width: 100%;
| text-align: center; /* Center text within the bio section */
| color: ■#fff; /* Set text color to white */
  .player-bio h2 {
   font-size: 24px;
   margin-bottom: 10px;
  .player-bio p {
   font-size: 16px;
   line-height: 1.6;
  .gameplay-video {
    max-width: 100%;
    text-align: center; /* Center video container */
    color: ■ #fff; /* Set text color to white */
    .video-container {
```

```
position: relative; overflow: hidden; padding-top: 56.25%; /* 16:9 Aspect Ratio (divide 9 by 16 = 0.5625) */
  .video-container iframe {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    border: none; /* Remove iframe border */
footer {
   background-color: □#333;
   color: ■#fff;
   text-align: center;
   padding: 10px;
 nav ul li {
    display: inline;
    margin-right: 10px;
 nav ul li a {
    color: ■#fff;
          text-decoration: none; padding: 5px 10px;
nav ul li a:hover {
   background-color: □#555;
   border-radius: 5px;
@media (min-width: 768px) {
    .player-info {
      flex-direction: row;
      justify-content: space-between;
      align-items: flex-start;
}
          .player-images {
| width: 30%; /* Adjust image width for larger screens */
          .player-bio {
| width: 66%; /* Adjust bio width for larger screens */
| text-align: left; /* Align text to the left for bio */
          .gameplay-video { width: 100%; /* Ensure video spans full width on larger screens */
          /* Add this style to your existing CSS */
.play-button {{
   max-width: 100%;
   height: auto;
   width: 80px; /* Adjust play button width */
   display: block; /* Ensure it's a block-level element */
   margin: 0 auto; /* Center the play button horizontally */
   cursor: pointer; /* Add pointer cursor to indicate it's clickable */
```

messi.html

ozil.html

```
close | lang="e" |
close | lang="e" |
contact a name="viceport" content="width-device-width, initial-scale=1.0" |
click | contact a name="viceport" content="width-device-width, initial-scale=1.0" |
click | contact a name="viceport" content="width-device-width, initial-scale=1.0" |
click | contact a name="viceport" content="width-device-width, initial-scale=1.0" |
click | contact a name="viceport" content="width-device-width, initial-scale=1.0" |
click | contact a name="viceport" content="width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-width-device-w
```

cr.html

trainstyle.css

```
padding: 0;
box-sizing: border-box;
body {
    font-family: Arial, sans-serif;
    background-color: ■#f0f0f0;
    itselaw: flex;
        display: flex;
flex-direction: column;
min-height: 100vh;
        background-color: □#333;
color: ■#fff;
text-align: center;
padding: 10px;
       dayer-gallery {
  display: flex;
  justify-content: center;
  align-items: center;
  flex-wrap: wrap;
  margin-top: 20px;
 .player {
   margin: 10px;
 .player img {
    width: 200px; /* Set a fixed width for consistency */
    height: 200px; /* Set a fixed height for consistency */
    object-fit: cover; /* Ensure images maintain aspect ratio and cover their container */
    border-radius: 50%; /* Optional: Add rounded corners for a more aesthetic look */
         cursor: pointer;
transition: transform 0.3s ease;
  .player img:hover {
    transform: scale(1.1); /* Scale up on hover for a subtle effect */
 footer {
  background-color: □ #333;
  color: ■ #fff;
  text-align: center;
  padding: 10px;
  margin-top: auto; /* Push the footer to the bottom */
         margin-top: auto; /* Push the nav to the bottom of the footer */
 nav ul {
    list-style-type: none;
 nav ul li {
    display: inline;
    margin-right: 10px;
  nav ul li a {
    color: ■#fff;
          padding: 5px 10px;
           background-color: □#555;
           border-radius: 5px;
```

learn.html

mentality.html

```
<!DOCTYPE html>
<html lang="en">
    body {
  background-image: url('images/backgroud.jpg');
  background-size: cover;
  background-position: center;
                  margin: 0;
padding: 0;
box-sizing: border-box;
           body {
    background-color: ■#f0f0f0;
    font-family: Arial, sans-serif;
                  margin: 0;
padding: 0;
color: □#333; /* Text color */
           header {
   background-color: □#333;
   color: ■#fff;
   text-align: center;
   padding: 10px;
                    padding: 20px;
             .mentality {
   margin-bottom: 40px;
             .mentality h2 {
   font-size: 24px;
   margin-bottom: 10px;
             .mentality p {
   font-size: 16px;
   line-height: 1.6;
            .videos {
    display: grid;
    grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
    gap: 20px;
    margin-top: 20px;
            .video {
   border-radius: 8px;
   overflow: hidden;
   box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
             .video iframe {
   width: 100%;
   height: 200px;
```

```
border: none;
footer {
    background-color: □#333;
    color: ■#fff;
    text-align: center;
    padding: 10px;
    position: fixed;
    bottom: 0;
  bottom: 0;
width: 100%;
  display: inline;
margin-right: 10px;
nav ul li a {
   color: ■#fff;
   text-decoration: none;
  padding: 5px 10px;
nav ul li a:hover {
   background-color: □#555;
  border-radius: 5px;
<div class="video"
    <iframe width="560" height="315" src="https://www.youtube.com/embed/K17wDaDcuyY?autoplay=1" frameborder="0" allowfull</pre>
    <
```

mentality.css

```
margin: 0;
padding: 0;
box-sizing: border-box;
         body {
    background-color: ■#f0f0f0;
    font-family: Arial, sans-serif;
                 margin: 0;
padding: 0;
color: ■#fff; /* Set text color to white */
                ader {
background-color: □#333;
color: ■#fff;
text-align: center;
padding: 10px;
          main {
    padding: 20px;
          .mentality {
   margin-bottom: 40px;
   color: ■#fff; /* Ensure text color is white */
          .mentality h2 {
   font-size: 24px;
   margin-bottom: 10px;
            font-size: 16px;
line-height: 1.6;
         .videos {
   display: grid;
   grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
   gap: 20px;
                margin-top: 20px;
color: ■#fff; /* Ensure text color is white */
         .video {
   border-radius: 8px;
   overflow: hidden;
   box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
         .video iframe {
   width: 100%;
   height: 200px;
   border: none;
        footer {
   background-color: □#333;
   color: ■#fff;
   text-align: center;
   padding: 10px;
   position: fixed;
   bottom: 0;
   width: 100%;
        nav ul {
    list-style-type: none;
                 padding: 0;
82 ∨ nav ul li a {
83 color: ■#fff;
84 text-decoration: none;
85 padding: 5px 10px;
88 ∨ nav ul li a:hover {
89 | background-color: □#555;
                 border-radius: 5px;
```

tactical.html

```
<!DOCTYPE html>
<html lang="en">
body {
   background-image: url('images/backgroud.jpg');
                    background-size: cover;
background-position: center;
      </style>
<style>
body {
    background-color: ■#f0f0f0;
    font-family: Arial, sans-serif;
    acgin: 0;
         margin: 0;
padding: 0;
          header {
    background-color: ☐#333;
    color: ☐#6;
    text-align: center;
    padding: 10px;
}
             .tactic {
   margin-bottom: 40px;
}
             .tactic h2 {
   font-size: 24px;
   margin-bottom: 10px;
            .tactic p {
   font-size: 16px;
   line-height: 1.6;
           .videos {
    display: grid;
    grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
    gap: 20px;
    margin-top: 20px;
}
            .video {
| border-radius: 8px;
| overflow: hidden;
| box-shadow: 0 4px 8px □rgba(0, 0, 0, 0.1);
             .video iframe {
    width: 100%;
    height: 200px;
    border: none;
                  background-color: ☐#333;
color: ■#fff;
text-align: center;
```

```
bottom: 0;
width: 100%;
         nav ul {
    list-style-type: none;
          display: inline;
margin-right: 10px;
         nav ul li a {
    color: ■#fff;
    text-decoration: none;
    padding: 5px 10px;
         nav ul li a:hover {
   background-color: □#555;
            border-radius: 5px;
103 v (main)
104 v (section class="tactic")
           <h2>Tiki-Taka</h2>
Tiki-Taka is a possession-based style of play characterized by quick short passes and movement off the ball. Learn more ab
              <a href="mainpage.html">HOME</a>
<a href="train.html">TRAIN</a>
<a href="learn.html">LEARN</a>
```

6. Github

riezuuuu/CSM3103-Assignment (github.com)