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| ***OFPPT*** |  |
| **Office de la Formation Professionnelle**  **et de la Promotion du Travail** |

**DESCRIPTION DU SUJET DE PFF**

1. **Noms et prénoms des stagiaires :**

|  |  |
| --- | --- |
| Nom et prénom | Groupe |
| EL Azhari Ataa | **DEV 201** |
|  |  |

1. **Intitule du projet :**

**“GymLink:** Your Gym Management Solution**”**

1. **Les fonctionnalités principales de l’application :**
2. Membership Management:

* Create, update, and delete membership plans.
* Track payment history and manage member accounts.

1. Session Management:

* Create, update, and cancel gym sessions.
* Schedule sessions and manage session bookings.
* Track attendance for sessions and generate reports.

1. Notification:

* Facilitate communication between gym members and coaches through chat box.
* Send reminders about sessions and payment.

1. User Management:

* Enable user registration, login, and profile management for gym members, coaches, and admin.
* Maintain user accounts, including profile information with full access to their own information for any update needed.

1. **Benchmarking**

L’objectif principale de cette section est de recenser la liste des applications qui existent sur le marché et qui font la même chose que l’application que vous voulez développer.

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| --- | --- | --- | --- | --- |
| Nom de l’application | Gratuit/Payant | Type de l’application (mobile, site web, …) | Technologies et langage de programmation | Les fonctionnalités couvertes |
| GymMaster | Paid | Mobile App & site web | **------------** | * Schedule and Manage Bookings * View Class Timetables * Pay for Classes & Memberships * Receive Club Updates & Reminders |
| Mindbody | Paid & free | Mobile App & site web | **------------------** | * membership management * class scheduling * appointment booking * payment processing |

1. **Liste des utilisateurs**

**L’objectif principale de cette section est de lister les utilisateurs qui vont utiliser l’application à développer.**

There will be three actors in this web application:

1. Trainee(Gym member).
2. Coach
3. Admin
4. Guest
5. **Liste des fonctionnalités par utilisateur**

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| --- | --- |
| Utilisateur | Liste des fonctionnalités |
| Guest | * Viewing general information about the gym. * Browsing available membership plans and pricing. * Contacting the gym through a contact form. |
| Trainee | * View his membership details, including membership plans, payment history, and attendance records. * Register for Sessions, view session schedules, and manage his session bookings. * Receive notifications about session updates, payment reminders, and other important information. * Update his personal information, such as contact details. |
| Coach | * Mark attendance for classes and track member attendance records. * View and update his personal profile information. |
| Admin | * Manage membership plans. * Generate reports and analytics related to membership, attendance. * View and update members and coaches list. * Add/delete coaches. * Delete trainee if necessary. |

1. **Diagramme des cas d’utilisation**

**En utilisant un logiciel de modélisation UML, élaborer un diagramme des cas d’utilisation puis copier le dans cette section :**

**Une image contenant texte, capture d’écran, Système d’exploitation, logiciel

Description générée automatiquement**

**Une image contenant texte, capture d’écran, diagramme, Plan

Description générée automatiquement**

Une image contenant texte, diagramme, Parallèle, nombre

Description générée automatiquement