

Gym Booking App - User Stories

Guest User + Registered User	Browse the app (Navbar)
Guest User + Registered User	View available classes in list view with schedules + details + instructor (Home)
Guest User + Registered User	View membership rates (Memberships & Pricing)
Guest User + Registered User	View info about the gym with map location and contact form (About Us + Contact Us)
Guest User	Create a new user account - Sign Up
Guest User	> Registration form with following fields: Name, Surname, ID, Phone, DOB, Gender, Email, Username, Password, Verify Password
Guest User	Log in if user is registered - Log In
Guest User	> Log In Form with following fields: Username, Password
Registered User	Book a class
Registered User	> Select date from calendar > Select a time + class > Confirm booking > Booking with details view + instructor picture + add to calendar option
Registered User	View booked classes in calendar view
Registered User	> Option to cancel a class 24h prior > Confirmed classes will appear in green + cancelled classes in red
Registered User	View Profile
Registered User	> Update user data and/or credentials, upload/update profile picture (image file), log out

Gym Booking App - Entities Structure

Entity: User

PK	idUser
	name
	surname
	identityNumber
	phone
	dateOfBirth
	gender
	email
FK	idCredentials
FK	idBooking

Entity: Credentials

PK	idCredentials
	username
	password

Entity: Booking

PK	idBooking
	date
	time
	status
FK	idUser
FK	idClass

Entity: Class

PK	idClass
	name
	description
	isActive
FK	idInstructor

Entity: Instructor

PK	idInstructor
	name
	surname

Gym Booking App - Entities Structure with Examples

Entity: User

idUser	name	surname	identityNumber	phone	dateOfBirth	gender	email	idCredentials	idBooking
1	Agostina	Giannelli	34934457	665109263	2/4/90	Female	agostinagiannelli@gmail.com	1	[1, 2]

Entity: Credentials

idCredentials	username	password
1	agostinagiannelli	12345

Entity: Booking

idBooking	date	time	status	idClass	idUser
1	Mon 1/1	7-8	confirmed	1	1
2	Tue 2/1	19-20	cancelled	5	1

Entity: Class

idClass	name	description	isActive	idInstructor
1	Crossfit	Varied workouts for overall fitness, strength, and endurance.	TRUE	1
2	Calisthenics	Bodyweight exercises for strength, flexibility, and endurance.	TRUE	1
3	Boxing	Combat sport involving punches, footwork, and defensive techniques.	TRUE	2
4	Yoga	Mind-body practice for flexibility, strength, and relaxation.	TRUE	3
5	Pilates	Core-focused exercises promoting strength, flexibility, and balanced muscle development.	TRUE	4

Entity: Instructor

idInstructor	name	surname
1	Alejandro	Martínez
2	Carlos	López
3	Ana	Rodríguez
4	Sol	Gómez

Gym Booking App - Timetable

	Mon	Tue	Wed	Thu	Fri
7-8	Crossfit	Yoga	Crossfit	Yoga	Crossfit
8-9	Yoga	Crossfit	Yoga	Crossfit	Yoga
17-18	Calisthenics	Boxing	Calisthenics	Boxing	Calisthenics
18-19	Pilates	Calisthenics	Pilates	Calisthenics	Pilates
19-20	Boxing	Pilates	Boxing	Pilates	Boxing