Beginner Backend Project Guide

Project 1: Fintech Digital Wallet System (PayFlow)

1	Cornelius Orinami Dongo	dongoorinami@gmail.com
2	Ado Abdul-lateef Olatunbosun	olatunbosunlateef6@gmail.com
3	Awoyemi Ameerah Aderonke	awoyemiameerah@gmail.com
4	Ayomide Isaac Fasogba	ayomidefasogba@gmail.com
5	Abdulsalam Salma	salmadear8@gmail.com
6	Ahmad Hamza kaoje	konim58@gmail.com
7	KEHINDE OLUWATOBI JOSEPH	ojaykenny1@gmail.com
8	Aishat Mikail Omolara	aishatomolara2020@gmail.com
9	Lawal Rofeeq Ayoola	rofeeqlawal@gmail.com
10	Anozie Innocent Onyekachi	iygeal@gmail.com
11	Balarm Francis Etowa	etowabalarm@gmail.com
12	Wonah Godwin Okache	atamswgo@gmail.com
13	Omotosho Joshua Temiloluwa	omotoshojtsen2020@futa.edu.ng
14	ABDULRASAQ AUDU	auduabdulrasaq@yahoo.com
15	Olaseinde Aduraleke Samuel	lhekzdev@gmail.com
16	Ifoghale O. Silvernus	silvernusorevaoghene@gmail.com
17	Nwagbo Emeka Samuel	emekanwagbo@gmail.com
18	Chiamaka Ugwu	chiamakaugwu.m@gmail.com
19	Favour Chidinma Onyema	Onyemafavour1994@gmail.com
20	Akanni Opeyemi	opeyemiakanni4@gmail.com
21	Tobi Awosola	awosolat@gmail.com

Objective 1: Fintech Digital Wallet System (PayFlow)

Build a backend for a simple digital wallet system where users can register, log in, and send money to other users.

Main Features:

- User registration and login (JWT)

- Wallet auto-created on registration

- Money transfer between users

- View wallet balance and transactions

Schemas:

1. User name, email, password, wallet reference

2. Wallet user reference, balance

3. Transaction sender, receiver, amount, type, timestamp

Endpoints:

- POST /auth/register

- POST /auth/login

- GET /wallet

- POST /wallet/transfer

- GET /transactions

Project 2: Supermarket E-Commerce Backend (FreshMart)

1	Otete Benjamin Agogo	josephbenjamin046@gmail.com
2	Adegbite Michael	adegbitemichael208@gmail.com
3	Paul E Nwofia	ezenwa400@gmail.com
4	Bilyaminu Ahmad	ahmedbilyameen01@gmail.com
5	Kpamor Raphael Terngu	terngukpamor@gmail.com
6	EJIM HENRY UZOCHUKWU	ejienry@gmail.com
7	Obasi Ikechukwu Thompson	obasiikechukwu761@gmail.com
8	Clerk Oghenekobaro	Kobrynclerk@gmail.com
9	Jeff Mgbeahuruike	docjeff60@gmail.com
10	MAOL BARIVULE BARIFAA	maalgodlove76@gmail.com
11	kingsley onah c	kingsleyswift1@gmail.com
12	Atoyebi Abisola Oluwakemi	abisolaoluwakemi925@gmail.com
13	Oluwaseyi Odunayo Fashina	Sheyifash11@gmail.com
14	Ekeobong Akpan	emonday27@gmail.com
15	Tochukwu Charles Ikechukwu	iketochukwu195@gmail.coma
16	Sarah Victoria Shittu	svshittu@gmail.com

Objective 2: Supermarket E-Commerce Backend (FreshMart)

Create the backend for an online grocery store.

Main Features:

- Admin/user roles

- Browse products, place orders

- Admin product/category management

Schemas:

1. User info + role

2. Category name

3. Product name, price, stock, category

4. Order items, total, user, status

Endpoints:

- POST /auth/register

- POST /auth/login

- POST /categories (admin)

- POST /products (admin)

- GET /products

- GET /products/:id

- POST /orders

- GET /orders

Project 3: Real Estate Listing Platform (HomeFinder)

1	Omiwale Abayomi Dotun	omiwaleabayomi@gmail.com
2	Anas Aruwa	Anasaruwa1@gmail.com
3	Muqeetat Aderinto	aderintotolulope@gmail.com
4	Perfectgift Ejirika	simdi1st@gmail.com
5	Ogbonna Obinna Emmanuel	ogbonnaemmanuel003@gmail.com
6	Shittu Adeleye Fatai	afshittu04@gmail.com
7	Kingsley Okon	kimfok3@gmail.com
8	Henry Onyiuke	Henryasha007@gmail.com
9	Akinbowale Shedrach	akinbowaleshedrach@gmail.com
10	Peter Igbo	dominicpeter494@gmail.com
11	EMMANUEL BEEYAH	domurunbeeyah@gmail.com
12	Elijah Faith Adeiza	odunayofaith66@gmail.com
13	Iwegbu Victor	iwegbuvc@gmail.com
14	Adegboyega Jeremiah	yinkaj308@gmail.com
15	Oluwatosin Oguntoyinbo	oluwatosinoguntoyinboo@gmail.com
16	Francis Wisdom	auduwisdom67@gmail.com
17	UKPONO UDOUDO EKONG	ukponoekong2@gmail.com
18	OJO ILERIOLUWA	Ilerioluwastepheno@gmail.com
19	Sunday Adeyanju	sundayadeyan@gmail.com
20	Ugonna Chidinma C.	Ugonnachidinma22@gmail.com
21	Ojediran Busayo	busbiebeauty@gmail.com
22	Oyewole saheed	oyewolesaheed638@gmail.com
23	Orji okechukwu onuoha	okechukwuorji496@gmail.com

Objective 3: Real Estate Listing Platform (HomeFinder)

Backend for listing and saving real estate properties.

Main Features:

- Agent/user roles

- Property listings by agents

- Users browse/save listings

Schemas:

1. User info + role

2. Property title, price, location, agent

3. SavedProperty user, property

Endpoints:

- POST /auth/register

- POST /auth/login

- POST /properties (agent)

- GET /properties

- GET /properties/:id

- POST /saved

- GET /saved

Project 4: E-Learning Platform Backend (EduCore)

1	Nnado Victory Somtochukwu	victorynnado3@gmail.com
2	Olumide D. Fakorede	od.fakorede@gmail.com
3	Henshaw Richmond Effiom	richmondhenshaw35@gmail.com
4	Alimi Azeez Opeyemi	alimiazeez4@gmail.com
5	Damilola Olawoore	damilolaolawoore03@gmail.com
6	Wale Ayomide Adetokun	Imadewale5728@gmail.com
7	Olaleye Adewale	Olaleye1135@gmail.com
8	Chinwendu Nwazojie	nwazojiechinwendu@gmail.com
9	Ugbede Omaye	omayeugbede@gmail.com
10	Ogunbanwo teniola adetomiwa	tennyofficial77@gmail.com
11	Meshach O. ADEDOTUN	ollysurfaprod@gmail.com
12	Jimoh Abdulazeez	damilolajimoh2020@gmail.com

Objective 4: E-Learning Platform Backend (EduCore)

Backend where instructors manage courses and students enroll.

Main Features:

- Role-based access

- Course creation by instructors

- Enrollment and progress tracking

Schemas:

1. User info + role

2. Course title, description, instructor

3. Enrollment user, course

Endpoints:

- POST /auth/register

- POST /auth/login

- POST /courses (instructor)

- GET /courses

- POST /enroll (student)

- GET /enrollments

- GET /courses/:id/students

Project 5: Sports Betting Platform (BetWise)

1	Ese Smith Echanomi	esesmithechanomi@gmail.com
2	Olanrewaju Y	Lyrix7000@gmail.com
3	Dauda Abiodun Tijani	dauda.a.tijani@gmail.com
4	John Sowemimo	sowemimo.john@gmail.com
5	HUNSA SEMAKO SAMUEL	smkmayomisamuel@gmail.com
6	Adeniyi Stephen	stevenjj2030@gmail.com
7	Sambo Peter Bernard	bernardpetersambo2017@gmail.com
8	Ismail Adebayo	ismailadebayo94@gmail.com

Objective 5: Sports Betting Platform (BetWise)

Betting system where users bet on games with virtual funds.

Main Features:

- Admin creates games and odds

- Users place bets, view results

- Payout based on outcomes

Schemas:

1. User info, wallet balance

2. Game teams, odds, result

3. Bet user, game, outcome, stake, payout

Endpoints:

- POST /auth/register

- POST /auth/login

- POST /games (admin)

- GET /games

- POST /bets

- GET /bets

- PATCH /games/:id/result

- GET /wallet