Create a set a APIs which allows to return mock data for the developers who wants to test Apps. Use SQL Server DB to store developer and Apps details. Once these details entered, provide set of APIs to return mock data.

Create API to enter Developer details

Id	Full name	User Id
1	Shashank Trivedi	shashank.trivedi
2	Abhishek Dutta	abhishek.dutta

….

Create API to add/ update/ delete new App

Id	App Name	Developer Id
1	Student Management System	1
2	Attendance System	1
3	Library Data System	2

….

Create API to add/ update/ delete app's entity details

Id	Entity Name	App Id
1	Student	1
2	Attendance Data	2
3	Book	3

…

Create API to create/ update/ delete field for App entities

Field Id	Field Name	Field Type	Entity Id
1	First Name	String	1
2	Last Name	String	1
3	DOB	Datetime	1
4	Working Date	Datetime	2
5	Working Minutes	Int	2
6	Working Mode	Int	2
7	Book Name	String	3
8	Author	String	3
9	Pages	Int	3

…

Once details like above entered, our APIs automatically provide API URLs to return 1000 rows when developer access URLs -

a. https://localhost/api/shashank.trivedi/student
b. https://localhost/api/shashank.trivedi/attendancedata
c. https://localhost/api/abishek.dutta/book

Apart from above –

1. Add authentication and authorization using OAuth.
2. Write unit tests to cover all the methods.