Application to manage patients

Develop an application to manage hospitals and in-house patients.

- Application framework: Laravel
- Database: MySql

1. Databases
    a. Database 01 : main_db
        i. Hospitals : ID,Name,TP,Fax,Email,Address,GradeID(foreign key to Grade),DistrictID(primary ID of District)
        ii. Grade : ID,Name
        iii. Patients : ID,Name,NIC,Mobile,Address, HospitalID(foreign key to Hospitals),Photo(no more than 250kb, only jpeg/png), Register Date(calendar with future dates restrictions)
        iv. Users : ID,Name,UserName,Password(md5),Status (Active/Inactive)
    b. Database 02 : Sub_db
        i. District : ID,Name
    c. Use database migrations to create those schemas above.
    d. All fields are mandatary.
2. Basic Laravel Auth: ability to log in as administrator
3. Use database seeds to create first user (Users table) with,
    a. UserName : "admin"
    b. Password : "admin123"
    c. Status : "Active"
4. Use database seeds to create grades (Grade table) with,
    a. Grade A
    b. Grade B

5. Use database seeds to create districts (District table) with,
    a. Colombo
    b. Gampaha
    c. Kandy
    d. Nuwara-Eliya
6. CRUD functionality (Create / Read / Update / Delete) for two menu items: Hospitals, Patients.
7. Store patient's Photo in "public/patient" folder and make them accessible from public
8. Use basic Laravel resource controllers with default methods – index, create, store etc.
9. Use Laravel's validation function, using Request classes
10. Use Laravel's pagination for showing Hospitals/Patients list, 10 entries per page
11. Create management reports with following search options,
    a. Hospital
    b. Patient NIC

Note: For any clarifications, please contact Duminda - 0778409664