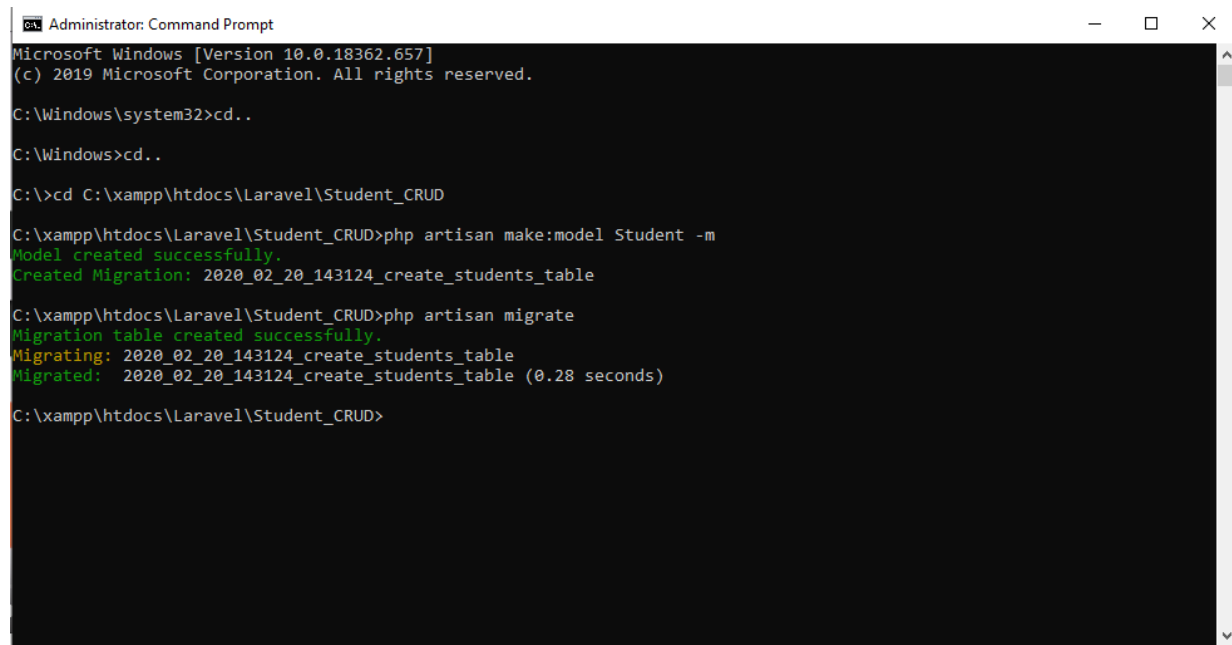1. Creating a new project after installation of Laravel framework called Student_CRUD to perform the basic CRUD operation using the laravel framework. The Database called laravel-demo is to be created and also the name of this database is to be updated in the .env file in the Student_CRUD project folder, also the necessary changes about the database name and password are to be made in the databse.php file. This will allow database connection with laravel application and after making database connection for making a new table the command "**php artisan make:model Student –m**" is to be executed and then the required fields are to be added in the migration file and at last to save the changes migrate table from laravel application to PHPmyadmin using the command "**php artisan migrate**". For performing the CRUD operations and displaying their output of the view files on the webpage a controller and defining its route is required which can be created by the command "**php artisan make:controller StudentController --resource**".

   Now, the data is inserted into the table and the validation error or success message on the web page using blade templating is displayed. Next is the task to retrieve the data from mysql table and to display that data on web page in table format in laravel. Afterwards, existing MySQL table data in form is loaded and then the task to edit or update form data in laravel framework is also accomplished with the functionality to remove mysql table data in an orderly fashion in laravel framework.

2. For adding the functionality to upload image a new UploadfileController is to be created by following the steps mentioned previously, only the files with the format of image type i.e jpg,png,gif should be uploaded and for this the validation is to be set in the controller file. The selected file is then moved to the images folder by fetching the extension of the original image and generating any random name for that particular image. On successful upload of the image it will be displayed on the web page with the success message.

3. Regarding the money transactions related to the organization in various departments of the organization, a request fund page is created using which the employee of the company can request the amount to the account department of the organization along with the reason for requesting the amount. The Request Fund page of this system consists fields such as

employee id, employee name, employee email, employee designation, amount in INR and reason for requesting the amount. Once the amount request is made, an email acknowledging the amount request and status of the request is sent to the employee.

4. The account department has access to the Fund Status page which has a record of all the fund requests that have been made so far and a functionality to either approve or reject the request made by employees of various departments of the organization.

5. Search box in Show Applicants gives the advantage to the HR department of the organization in finding the applicants based on their required criteria among the list of many applicants with an ease. For this purpose, an SQL LIKE query is made in the backend which helps in fetching the results from the database effortlessly and in no time.

Screenshots:-

Fig 10.1 Creating Model (Student table)

Fig 10.2 Modifying the database file (database.php)
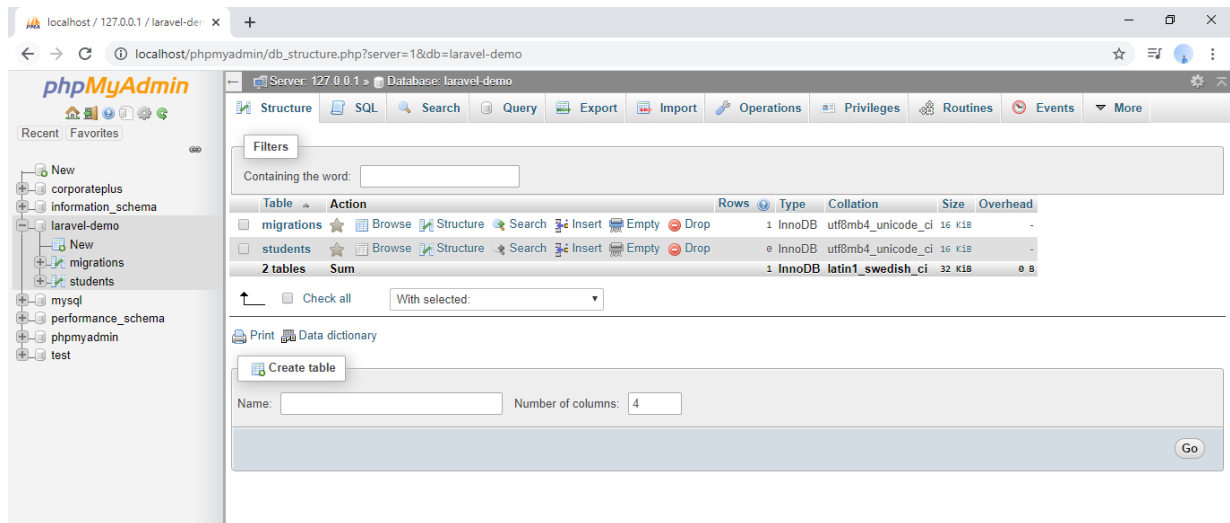
Fig 10.3 Database (laravel-demo) & Table (students)

Fig 10.4 Adding new entry

Fig 10.5 New Entry added

Fig 10.6 Retrieving the entries from the database
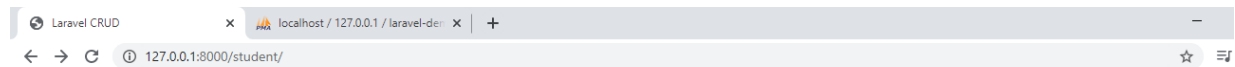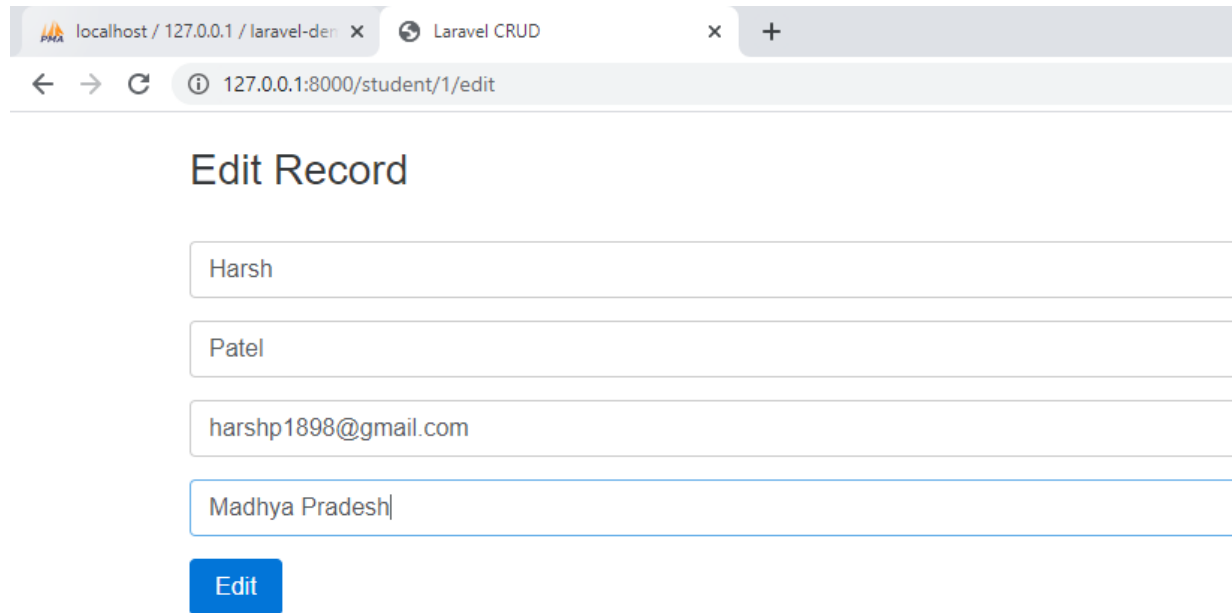
Fig 10.7 Editing the Record(1)
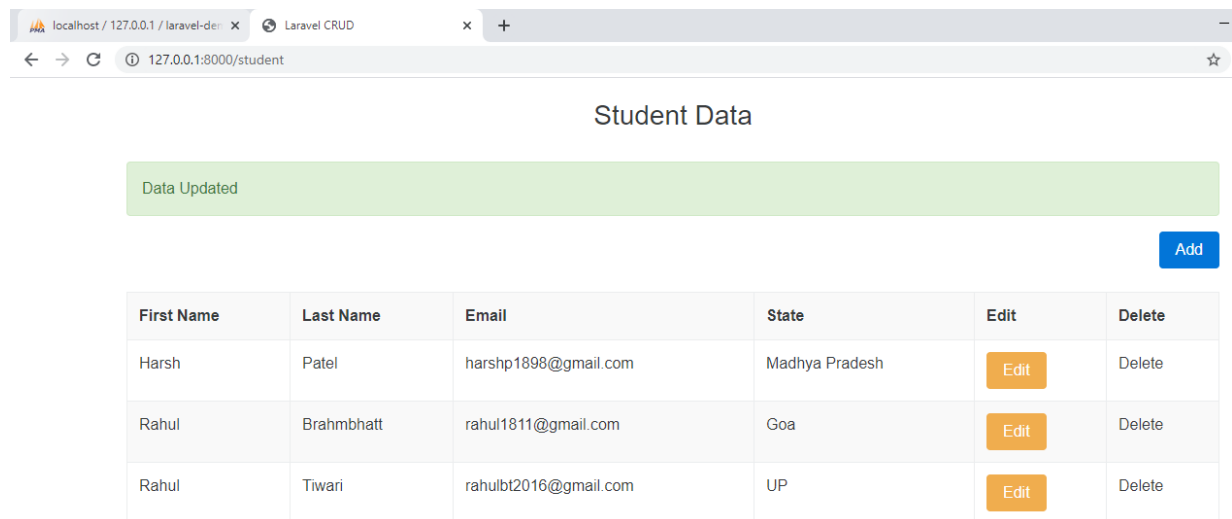
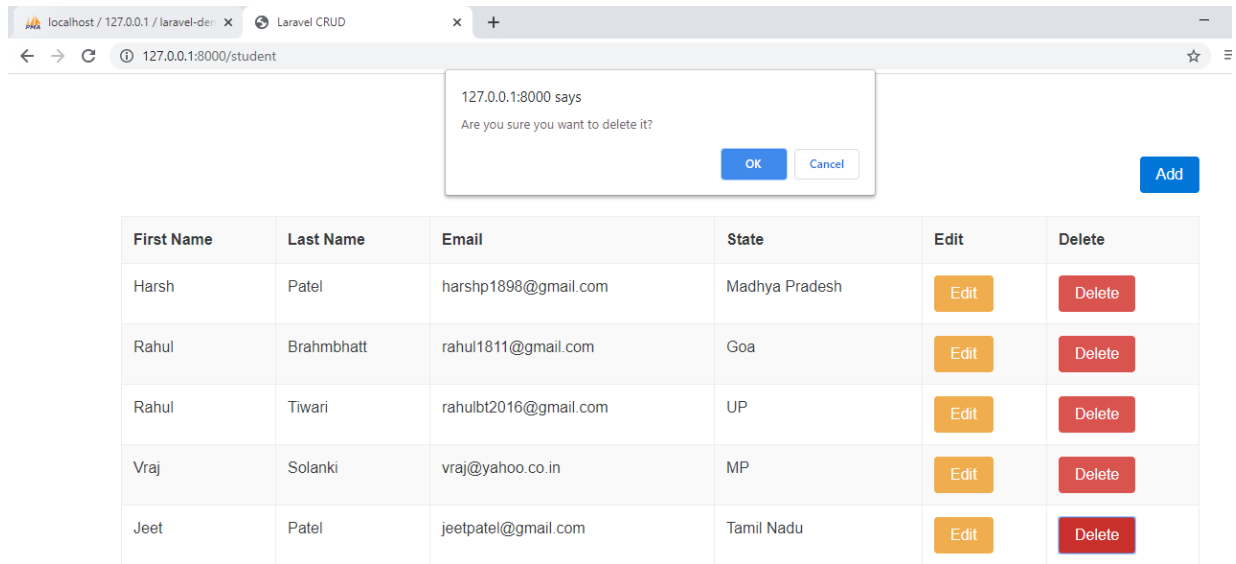Fig 10.8 Editing the Record(2)

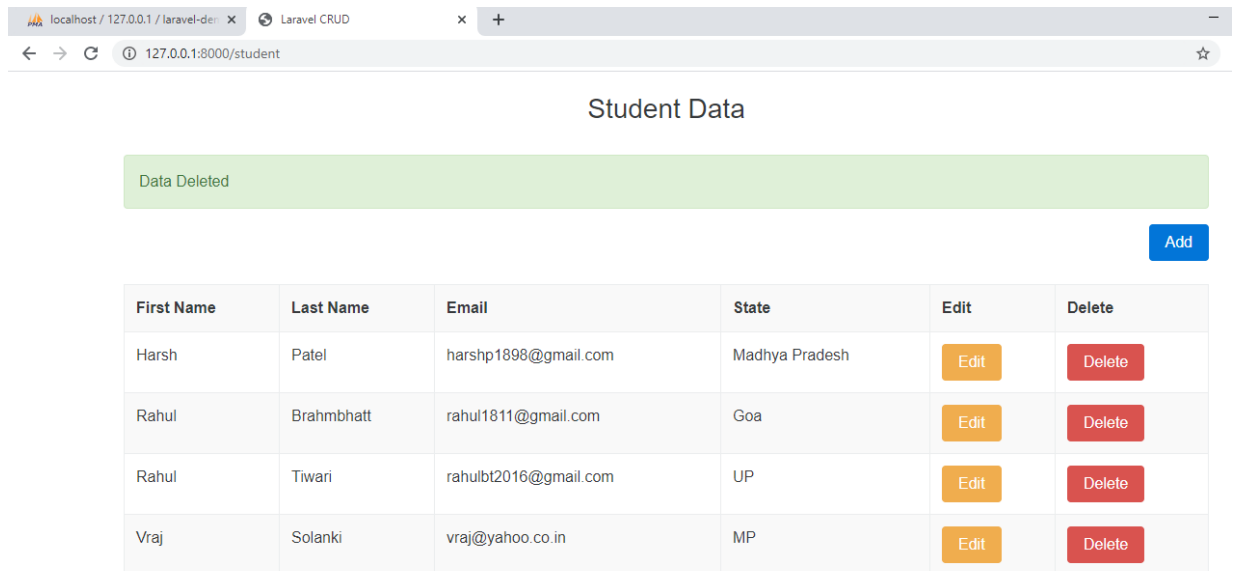Fig 10.9 Record Deleted

Fig 10.10 Deleting Record(Jeet Patel)

Fig 10.11 Record Deleted
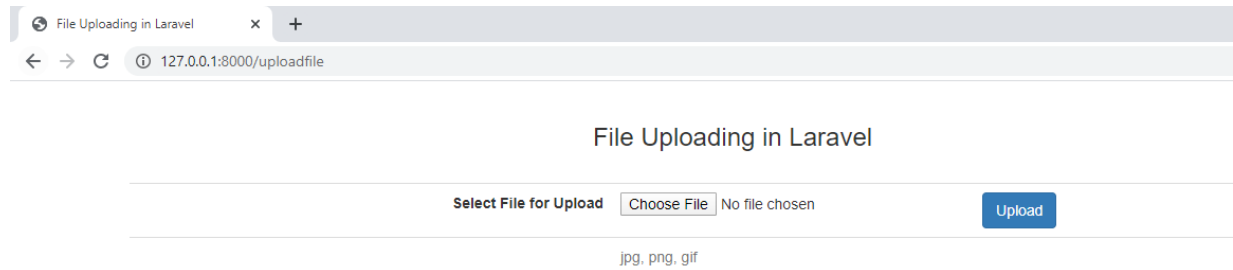
Fig 10.12 File Uploading in laravel
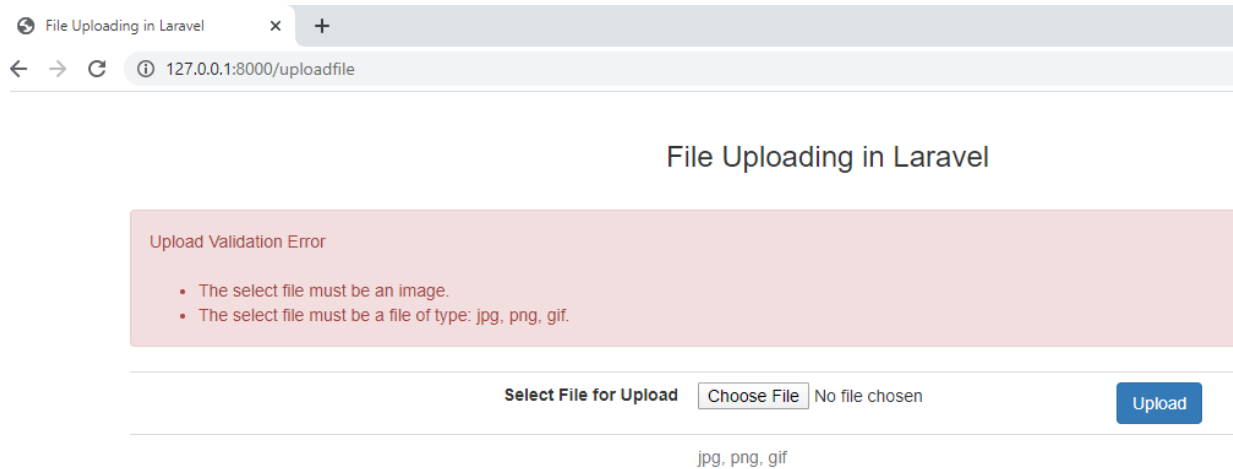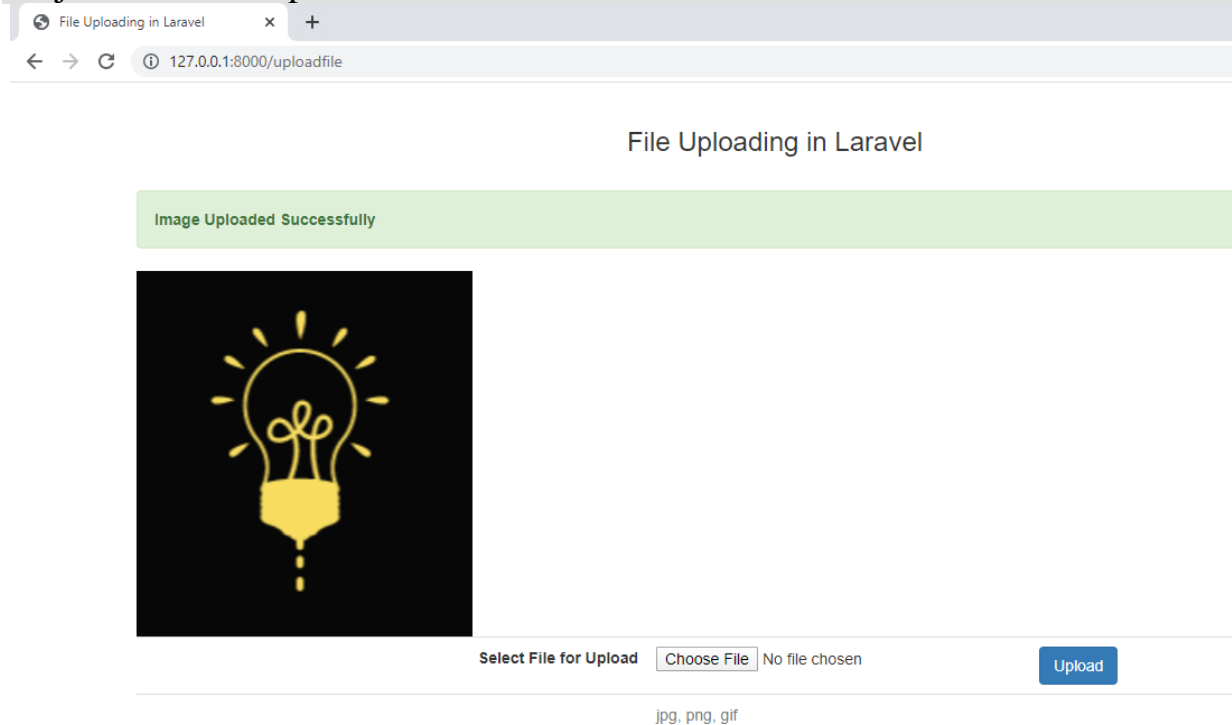

Fig 10.13 Validation (Won't let you upload any other format file)

Fig 10.14.1 Uploading image

Fig 10.15 Request Fund page

Fig 10.16 Fund Status page for Accounts Department

Fig 10.17 Available Applicants list

Fig 10.18 Result of search box where 'rah' is searched