**Database LabManagementSystem**

create database anpc7698hemangib;

use anpc7698hemangib;

CREATE TABLE `appointment` (

`appointment\_id` int NOT NULL,

`test\_type` text DEFAULT NULL,

`appointment\_time` time DEFAULT NULL,

`appointment\_date` date DEFAULT NULL,

`patient\_id` int DEFAULT NULL,

`user\_id` int NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci;

INSERT INTO `appointment` (`appointment\_id`, `test\_type`, `appointment\_time`, `appointment\_date`, `patient\_id`, `user\_id`) VALUES

(1, 'blood test', '12:00:00', '2024-10-01', 1, 1);

CREATE TABLE `patient` (

`patient\_id` int(11) NOT NULL,

`first\_name` text NOT NULL,

`last\_name` text NOT NULL,

`date\_of\_birth` date DEFAULT NULL,

`contact\_number` text DEFAULT NULL,

`address` text DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci;

INSERT INTO `patient` (`patient\_id`, `first\_name`, `last\_name`, `date\_of\_birth`, `contact\_number`, `address`) VALUES

(1, 'hemangi', 'badhe', '2002-12-30', '9359095216', 'pune');

CREATE TABLE `user` (

`user\_id` int(11) NOT NULL,

`username` text NOT NULL,

`password` text NOT NULL,

`role` text DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci;

INSERT INTO `user` (`user\_id`, `username`, `password`, `role`) VALUES

(1, 'hemangi', 'Hemangi@2002', 'user');

ALTER TABLE `appointment`

ADD PRIMARY KEY (`appointment\_id`),

ADD KEY `patient\_id` (`patient\_id`);

ALTER TABLE `patient`

ADD PRIMARY KEY (`patient\_id`);

ALTER TABLE `user`

ADD PRIMARY KEY (`user\_id`);

ALTER TABLE `appointment`

MODIFY `appointment\_id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=2;

ALTER TABLE `patient`

MODIFY `patient\_id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=2;

ALTER TABLE `user`

MODIFY `user\_id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=2;

ALTER TABLE `appointment`

ADD CONSTRAINT `appointment\_ibfk\_1` FOREIGN KEY (`patient\_id`) REFERENCES `patient` (`patient\_id`);

COMMIT;

