

RV College of Engineering® , Bengaluru – 59
Department of Information Science and Engineering
Introduction to Database Laboratory (21CS53)

Forms, Security and Validation

TITLE	HERBAL HELP	
TEAM	USN:1RV21IS047	Name:Sanjana Patwari
	USN:1RV21IS048	Name:Sanjay D Kulal

1. Forms

The image displays two screenshots of a web application titled "HERBAL HELP". The top screenshot shows the "Register as Patient" form. It features a navigation bar with "HOME", "ABOUT US", and "CONTACT" links. The form has tabs for "Patient", "Doctor", and "Admin", with "Patient" selected. The registration fields include "First Name *", "Last Name *", "Your Email *", "Your Phone *", "Password *", and "Confirm Password *". There are radio buttons for "Male" (selected) and "Female", and a link "Already have an account?". A "Register" button is at the bottom right. The bottom screenshot shows the "Login as Doctor" form. It has the same navigation bar and tabs, with "Doctor" selected. The login fields are "User Name *" and "Password *". A "Login" button is at the bottom right. Both screenshots show a "Welcome" message on the left side of the page.

2. Security implementation

Password hashing is implemented to protect the passwords in case of an attack.

username	password	email	spec	docFees
ashok	ashok123	ashok@gmail.com	General	500
arun	arun123	arun@gmail.com	Cardiologist	600
Dinesh	dinesh123	dinesh@gmail.com	General	700
Ganesh	ganesh123	ganesh@gmail.com	Pediatrician	550
Kumar	kumar123	kumar@gmail.com	Pediatrician	800
Amit	amit123	amit@gmail.com	Cardiologist	1000
Abbis	abbis123	abbis@gmail.com	Neurologist	1500
Tiwary	tiwary123	tiwary@gmail.com	Pediatrician	450
ashish	ashish123	ashish@gmail.com	General	900
Vivek	vivek1234	vivek@gmail.com	Cardiologist	900
Aniket	aniket123	aniket@gmail.com	Cardiologist	550
Parth	\$2y\$10\$zZ5RJ3H8Do5aBVz7cslbO.MSCfQgd/50hSbZu/kb7rL...	parth@gmail.com	Neurologist	900
Goutham	\$2y\$10\$PMYGYozB9/gZgyj7ZN0Kb.FcDKrNCsETtzPef4Kwt...	goutham@gmail.com	Neurologist	700

3. Validations

a) @ has to be included in the email field:

The screenshot shows the 'Register as Patient' form on the 'HERBAL HELP' website. The form has tabs for 'Patient', 'Doctor', and 'Admin'. The 'Patient' tab is selected. The form fields are: Name (nisha), Last Name (gowda), Email (heello), and Password (6789). A validation error message is displayed: 'Please include an '@' in the email address. 'heello' is missing an '@'.'. The 'Matched' status is shown as 'Matched'. There are radio buttons for 'Male' and 'Female', and a link 'Already have an account?'. A 'Register' button is at the bottom right.

b) The password and re-entered password must match:

The screenshot shows the 'Register as Patient' form on the 'HERBAL HELP' website. The form has tabs for 'Patient', 'Doctor', and 'Admin'. The 'Patient' tab is selected. The form fields are: Name (nisha), Last Name (gowda), Email (heello@gmail.com), and Password (6789). A validation error message is displayed: 'Please lengthen this text to 10 characters or more (you are currently using 4 characters)'. The 'Matched' status is shown as 'Matched'. There are radio buttons for 'Male' and 'Female', and a link 'Already have an account?'. A 'Register' button is at the bottom right.