



EFFICIENT DOCTOR PATIENT PORTAL 'DOCTOR NEAR YOU'

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ABSTRACT

This Project is "Efficient Doctor Patient PortAL . 'DOCTOR NEAR YOU' ". This Project will overcome the required problems that a common man Face this pandemic covid time and different cities face while searching for good doctors near them. In our Project we provide all facilities on a single platform. We are providing many searching options for people to search according to their need.If a person knows the doctors name then he can search directly by writing the doctor name and contact them directly via online platform.If a person knows the doctor name then he can search directly by writing doctor name.Person can also search by disease. Like if he is suffering from a covid disease then he can search for a covid_19 hospital.

KEYWORDS- Mean stack, Dynamic binding, Pie-chart, MVC and Google

I.INTRODUCTION

In large hospitals, massive staff members and doctors are present. Efficient management of time and scheduling of tasks becomes a very tough task. At present, a person sick from any disease needs to visit the hospital to book an appointment. All the patients need to wait in a queue while getting an appointment. In case that a doctor calls off an appointment due to some emergency reasons then the patient remains unaware about the cancellation of the appointment till the time he or she visits the hospital. Also whenever the patient visits the doctor he or she is asked to bring their prescriptions. Doctors don't keep a record of when

the patient last visited him for an appointment. Doctors are unaware of who all will visit him on a given day and hence are unable to manage the appointments accordingly. Doctors are not able to access the patient details and medical history until and unless he/she checks the medical report. Sometimes patients are not able to book appointments according to their convenience. The patients don't have the liberty to reschedule their scheduled appointment in case of any emergency. In case the patient requires an organ then he/she doesn't have a record of all the potential organ donors.

II. EXISTING SYSTEMThe Live Portal are based on below methods:-

A. Graph-Based Methods--In this approach, by integrating many, heterogeneous details into a single graphical representation, unusual patterns are detected in the data that shows spammer
B. Dynamic Method Binding-A server-side dynamic web page is a web page whose construction is controlled by an application server processing server-side scripts. In server-side scripting, parameters determine how the assembly of every new web page proceeds,

behaviors by running graph-based anomaly detection algorithms for graphical representation. This approach is not reliable, so it is challenging to detect false opinions including the setting up of more client-side processing.

C. → Hospitals and private clinic currently use a manual system for the management and maintenance of critical information. The current system requires numerous paper forms, with

data stores spread throughout the hospital management infrastructure.

D. → Often information (on forms) is incomplete, or does not follow management standards. Forms are often lost in transit between departments requiring a comprehensive auditing process to ensure that no vital information is lost.

E. → Multiple copies of the same information exist in the hospital and may lead to inconsistencies in data in various data stores.in

this system they don't have module how to handle current situation of online treatment related and

F. → How to handle when covid-19 patient come to hospital when his condition not worst and we give them better treatment and his don't need to come hospital.

G. → We study about all this problem and then create a online platform where we resolve all problem now people facing current situation

III MODULES

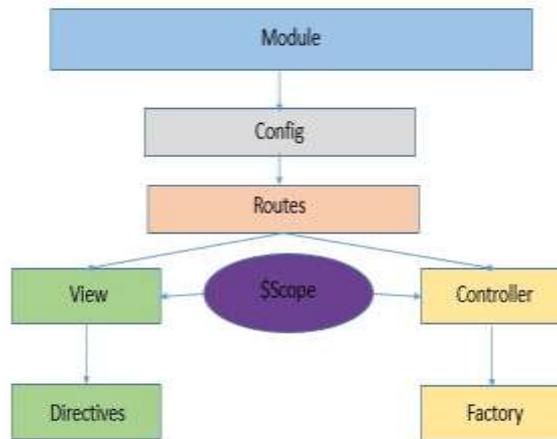


Figure 3 Module, Scope, Controller Relation

Module act as a container for different parts of the web app-services, filters, directives, controllers, etc. Applications contains a main method that instantiates and binds the different parts of the application together. Unlike other applications Angular JS doesn't have a main method. Rather modules are specified in such a way that how an application should be bootstrapped. There are enormous benefits to this approach:

- Declarative processes are easier to comprehend.
- Code can be packaged as reusable modules.
- Since, Modules delay execution order of loading module is random.
- Unit tests only loads relevant modules, which keep them fast.
- To override configuration, end to end tests use modules.

Standup Meetings

Sprint	Day	Impediments	Action Taken
1	3	Session Management problem for login and logout	Refered online documents.
1	3	UI components improvement	Refered online templates and bootstrap components
1	3	Database related problems.	Created new tables to resolve
1	6	Interconnection between the layers	Discussed among team and resolved
2	1	Amendments in doctor view and patient view	Created slider images and text
2	2	Front End Validations	Done using ng pattern
2	5	UI components improvement	Refered online templates and bootstrap components
2	8	Database related problems.	Discussed among team and resolved
3	2		
3	4	Database related problems.	Discussed among team and resolved
3	5	Amendments in doctor view	Adding more features for ease of simplicity

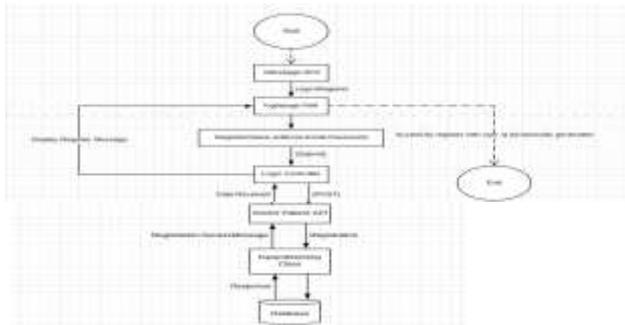


The image shows three screenshots of the Jira Capacity Planning tool. Each screenshot displays a table with columns for 'Team', 'Available capacity per Sprint', 'Available capacity per Day', and 'Total hours available in the Sprint'. The first two screenshots are for 'SPRINT 1 CAPACITY PLANNING' and 'SPRINT 2 CAPACITY PLANNING' respectively, both showing a total of 30 hours. The third screenshot is for 'SPRINT 3 CAPACITY PLANNING' showing a total of 30 hours. Below each table is a summary box with 'Team members', 'Sprint Size', and 'Total hours of available capacity in the Sprint'.

Burn Down Chart data

The image shows three Burn Down Chart data tables for SPRINT 1, SPRINT 2, and SPRINT 3. Each table has columns for 'Sprint', 'Day', 'Planned', and 'Actual'. The data shows the progress of work over 10 days for each sprint.

Sprint	Day	Planned	Actual
1	1	200	200
1	2	240	238
1	3	280	278
1	4	320	318
1	5	360	358
1	6	400	398
1	7	440	438
1	8	480	478
1	9	520	518
1	10	560	558
1	11	600	598
1	12	640	638
1	13	680	678
1	14	720	718
1	15	760	758
1	16	800	798
1	17	840	838
1	18	880	878
1	19	920	918
1	20	960	958
1	21	1000	998
1	22	1040	1038
1	23	1080	1078
1	24	1120	1118
1	25	1160	1158
1	26	1200	1198
1	27	1240	1238
1	28	1280	1278
1	29	1320	1318
1	30	1360	1358
1	31	1400	1398
1	32	1440	1438
1	33	1480	1478
1	34	1520	1518
1	35	1560	1558
1	36	1600	1598
1	37	1640	1638
1	38	1680	1678
1	39	1720	1718
1	40	1760	1758
1	41	1800	1798
1	42	1840	1838
1	43	1880	1878
1	44	1920	1918
1	45	1960	1958
1	46	2000	1998
1	47	2040	2038
1	48	2080	2078
1	49	2120	2118
1	50	2160	2158
1	51	2200	2198
1	52	2240	2238
1	53	2280	2278
1	54	2320	2318
1	55	2360	2358
1	56	2400	2398
1	57	2440	2438
1	58	2480	2478
1	59	2520	2518
1	60	2560	2558
1	61	2600	2598
1	62	2640	2638
1	63	2680	2678
1	64	2720	2718
1	65	2760	2758
1	66	2800	2798
1	67	2840	2838
1	68	2880	2878
1	69	2920	2918
1	70	2960	2958
1	71	3000	2998
1	72	3040	3038
1	73	3080	3078
1	74	3120	3118
1	75	3160	3158
1	76	3200	3198
1	77	3240	3238
1	78	3280	3278
1	79	3320	3318
1	80	3360	3358
1	81	3400	3398
1	82	3440	3438
1	83	3480	3478
1	84	3520	3518
1	85	3560	3558
1	86	3600	3598
1	87	3640	3638
1	88	3680	3678
1	89	3720	3718
1	90	3760	3758
1	91	3800	3798
1	92	3840	3838
1	93	3880	3878
1	94	3920	3918
1	95	3960	3958
1	96	4000	3998
1	97	4040	4038
1	98	4080	4078
1	99	4120	4118
1	100	4160	4158
1	101	4200	4198
1	102	4240	4238
1	103	4280	4278
1	104	4320	4318
1	105	4360	4358
1	106	4400	4398
1	107	4440	4438
1	108	4480	4478
1	109	4520	4518
1	110	4560	4558
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1	113	4680	4678
1	114	4720	4718
1	115	4760	4758
1	116	4800	4798
1	117	4840	4838
1	118	4880	4878
1	119	4920	4918
1	120	4960	4958
1	121	5000	4998
1	122	5040	5038
1	123	5080	5078
1	124	5120	5118
1	125	5160	5158
1	126	5200	5198
1	127	5240	5238
1	128	5280	5278
1	129	5320	5318
1	130	5360	5358
1	131	5400	5398
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1	133	5480	5478
1	134	5520	5518
1	135	5560	5558
1	136	5600	5598
1	137	5640	5638
1	138	5680	5678
1	139	5720	5718
1	140	5760	5758
1	141	5800	5798
1	142	5840	5838
1	143	5880	5878
1	144	5920	5918
1	145	5960	5958
1	146	6000	5998
1	147	6040	6038
1	148	6080	6078
1	149	6120	6118
1	150	6160	6158
1	151	6200	6198
1	152	6240	6238
1	153	6280	6278
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1	155	6360	6358
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1	157	6440	6438
1	158	6480	6478
1	159	6520	6518
1	160	6560	6558
1	161	6600	6598
1	162	6640	6638
1	163	6680	6678
1	164	6720	6718
1	165	6760	6758
1	166	6800	6798
1	167	6840	6838
1	168	6880	6878
1	169	6920	6918
1	170	6960	6958
1	171	7000	6998
1	172	7040	7038
1	173	7080	7078
1	174	7120	7118
1	175	7160	7158
1	176	7200	7198
1	177	7240	7238
1	178	7280	7278
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1	185	7560	7558
1	186	7600	7598
1	187	7640	7638
1	188	7680	7678
1	189	7720	7718
1	190	7760	7758
1	191	7800	7798
1	192	7840	7838
1	193	7880	7878
1	194	7920	7918
1	195	7960	7958
1	196	8000	7998
1	197	8040	8038
1	198	8080	8078
1	199	8120	8118
1	200	8160	8158
1	201	8200	8198
1	202	8240	8238
1	203	8280	8278
1	204	8320	8318
1	205	8360	8358
1	206	8400	8398
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1	214	8720	8718
1	215	8760	8758
1	216	8800	8798
1	217	8840	8838
1	218	8880	8878
1	219	8920	8918
1	220	8960	8958
1	221	9000	8998
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1	224	9120	9118
1	225	9160	9158
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1	231	9400	9398
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1	238	9680	9678
1	239	9720	9718
1	240	9760	9758
1	241	9800	9798
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1	243	9880	9878
1	244	9920	9918
1	245	9960	9958
1	246	10000	9998
1	247	10040	10038
1	248	10080	10078
1	249	10120	10118
1	250	10160	10158
1	251	10200	10198
1	252	10240	10238
1	253	10280	10278
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1	263	10680	10678
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1	265	10760	10758
1	266	10800	10798
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1	309	12520	12518
1	310	12560	12558
1	311	12600	12598
1	312	12640	12638
1	313	12680	12678
1	314	12720	12718
1	315	12760	12758
1	316	12800	12798
1	317	12840	12838
1	318	12880	12878



IV. PROPOSED SYSTEM

A. Requirements:

1) Software-

Netbean:-NetBeans is an integrated development environment for Java. NetBeans allows applications to be developed from a set of modular software components called modules. NetBeans runs on Windows, macOS, Linux and Solaris.

2) Hardware-

Modern Operating System:

- Windows 7 or 10
- 4 GB RAM – x86 64-bit CPU (Intel / AMD architecture)

V. RESULTS AND DISCUSSION.

The results are based on the performance of Data fetching through Dataset as various Performance Metrics which include accuracy score, Precision, Recall, F-beta score for an imbalanced dataset of other website.

- *You will be aware about Doctors and hospitals*
- *This will help you to guide in being safe zone.*

VI. CONCLUSION AND FUTURE SCOPE

The main motive of this project is to make an Efficient Doctor-Patient portal system, so that this helps patients to efficiently view doctors, book appointments, and also view medical progress. The doctors will be able to view their appointments, their patients profile and medical history. This system has an add-on which allows user to register for organ donation as well as search for organs. We have been successful in adding all the above requirements. A patient can successfully register himself with the system. After registration he can login at any time of the day and can search doctors in different cities according to their specialty. According to availability of the doctors a patient can book appointment with the doctor. One can also view their medical history. A few add-ons that we have added here are that a patient can successfully change his password and update his/his profile, one can even login if he forgets his password through the hint. Other add-on is that patient can give feedback to the doctors who

- The proposed framework consists of a set of modules that are implemented

C. Generalize Data -All cleaned data collected and generalized regardless of whether they are spam or not based on different parameters and a corpus is created by extracting the features. By generalizing the data a lot of time can be saved.

D. Dataset-First data is collected from the dataset, in our case which is email, SMS, and comments. After collecting the data, it is cleansed by getting rid of extra spaces, removing duplicates, and many more.

- *Also if you are in highly crowded hospitals you will be aware with precaution steps.*
- *In comparison to other websites we have good interface, proper, information about doctors*
- *essential details are also provided*
- *Aslo we have introduce new Doctors.*

examined him. We have successfully created an admin login. Admin is one who can add doctors to this portal. Admin can also view other details of doctors and patients. A doctor can successfully login into the portal with the credentials given by the admin. He can view his appointments and work accordingly. He can also view his patients and their details. He will be able to add treatment to his patients. The add-on feature here is that he can update his profile and change password. A patient can successfully register and deregister for organ donation. He can also search for the organs were he will find the count of the organs that have been registered. This feature will help many needful people with organ they need

VII. ACKNOWLEDGMENT

It gives us great pleasure in presenting this project Report titled:” *Efficient Doctor Patient Portal . ‘DOCTOR NEAR YOU’*”. On this momentous Occasion, we wish to express our



immense gratitude to the range of people who provided invaluable support in the completion of project. Their Guidance and encouragement has helped in making this project a great success. We express our gratitude to our project guide Prof Asif Ali sir, who provided us with all the.

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