APPLICATION REQUIREMENTS AND SPECIFICATION

1. Technologies to be used :
2. React :- frontend components design and CLIENT side functionality.
3. CSS :- high looking attractive web pages
4. NODE.js :- backend server
5. express :- API design
6. Socket.io :- two-way communication b/w 2 users (or) useEffect without dependency.
7. MongoDB :- cloud storage for TEXT data only.
8. Cloudinary.com :- cloud storage for multimedia data.
9. Netlify :- web hosting for frontend
10. Render.com :- server API hosting
11. Google Cloud :- OAuth2.0 usage.
12. Github : - source code maintainence.
13. Users meta Data : -
14. {
15. "userName":"Goutham",
16. "email":"gouth@mdp",
17. "password":"123",
18. "state":"telangana",
19. "city":"khammam",
20. "DateOfBirth":"10-06-2004",
21. "gender":"male",
22. "interests":[],
23. "profilePicture":"",
24. "DateAccountCreated":"",
25. "Profession":"",
26. "EducationalQualifications":[],
27. "data1":"",
28. "data2":"",
29. "data3":""
30. }
31. POSTS meta data :

{

“postId” : unique number generated by server,

“author”: author name from store of React,

“DatePosted”: ss/mm/hh/dd/mm/yyyy,

“DateLastEdited”: ss/mm/hh/dd/mm/yyyy,

“likes” : Number,

“upVotes” : Number,

“downVotes” : Number,

“comments” : [{},{},{}…],

“content” : [

‘p’ : paragraph content,

‘b’ : bold content,

‘img’ : image element,

‘video’ : video element,

‘audio’ : audio element,

‘link’ : {

“name” : name,

“linkTo” : link address

}

]

“IsBlockedByAuthor” : true/false,

“IsBlockedByAdmin” : true/false,

“MetaTags” : [

“key1”,

”key2”,

“key3”,…..]

“OtherData”:{}

}