Santhosh Krishnamoorthy-Siva Karthik Narisetty

Abstract

Ever wondered where did the last month’s salary go when you hardly saved a penny? Would you like to know how much you’re spending on restaurants, Uber or Amazon and if there is a room for a little saving? Are you one of those who wants to track your monthly spending and better organize your finances? Master of Coins is your friend.

[Project Name]

[Team Name]

# Technology Stack

|  |  |
| --- | --- |
| Front-end | Angular 9 |
| Front-end Designing | Bootstrap, CSS, SCSS |
| Database | Mongo |
| API | Spring Boot, .Net Core, Microservices, and Node.js |
| Deployment | Jenkins, Docker, Kubernetes |
| Cloud Services | Azure/AWS [Yet to Decide] |
| Version Control | GIT |
| Cloud Repository | GitHub/Bit Bucket [Yet to Decide] |
| Virtual Meetings | Google Meet |

## Other App Ideas

* Sharing Finances (with more than one person. Both long- and short-term calculations)
* Reminder – Save personal information of friends and family, trigger alerts on special days

# Next Steps:

1. Pick a name for project [Siva’s suggestion for now: Master of Coins]
2. Pick a name for Team [Siva’s suggestion: SaSi Architects -Sa for Santhosh and Si for Siva :P]
3. Decide on cloud repository and Create a new repository
4. Select the Angular topics that will be covered in app development
5. Do a simple course on HTML 5, Bootstrap and SCSS
6. Decide on the components in the project [Could be Agile, doesn’t need everything at one go]
   1. Services and DI
   2. Routing and Navigation
   3. Pipes
   4. Forms (Reactive, Template Driven, Dynamic Forms)
   5. Observables and RxJS
   6. Security
   7. Unit Testing and End-To-End Testing
   8. Lint
   9. Deployment
   10. Use OOB APIs
7. Create the Architectural Diagram and UML diagrams of each component
8. Split the components between and Kickstart the development
9. Decide on a project management tool to track the project progress [Monday.com if it is free, else Microsoft Project]