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.

Master of Coins

Flying Kite

# 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. Decide on cloud repository and Create a new repository
2. Select the Angular topics that will be covered in app development
3. Do a simple course on HTML 5, Bootstrap and SCSS
4. 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
5. Create the Architectural Diagram and UML diagrams of each component
6. Kickstart the development
7. Decide on a project management tool to track the project progress [Monday.com if it is free, else Microsoft Project]