

1. Introduction

This project is about a web app that facilitates a group of users to run a chit fund. The list of features which are MVP (minimum viable product) for this are

1. User to login
2. On login see the list of chits
3. Ability to add a new chit
4. For each chit see the details of the chit
5. Ability to add new members to the chit

A Chit fund is a savings scheme practiced a lot in Southern India. A chit fund company is a company that manages, conducts, or supervises such a chit fund. Goals of the project is to create an application that would be allow a foreman to run and track the chit, and subscribers to track their payments and the bid money.

This application would allow any pool of trusted individuals to start a local chit fund and operate. This is how this whole scheme has rooted by Indian house wives and has become popular.

2. User Interface Design and Prototype

Below I have the UI prototype. Prototype consists of five pages. The first page is a **login page**. This is the master page and once the user logs in, the application displays the page **Chit lists page**. **Chit lists page** provides the organizer of chit fund a view of the list of chits and details of the chit. Each entry in the list is a hyper link that takes you to **Chit details** page that displays the chit details. There is also a button at the bottom of the **Chit lists page** that allows you to add a new chit.

Main Page

Moqzilla

←

→

↺

<http://moqups.com>

User name :

login id

Password :

Password

Log in

Chit list page

Moozilla

← → ↺

http://moqups.com

Log out

▼ Chit Names	▼ Start date	▼ number of months
50 thousand	Jan 2016	24
5 thousand	Jun 2016	12
10 thousand	Sep 2016	48

Add new chit

Add new chit page

Chit name :

Start month :

Number of months : ▼

Chit details page

Moozilla

← → ↻ <http://moqups.com>

Chit list

Ten thousand

log out

month 1 ▼

Chit value : \$10,000

Bid Amount : \$8,500

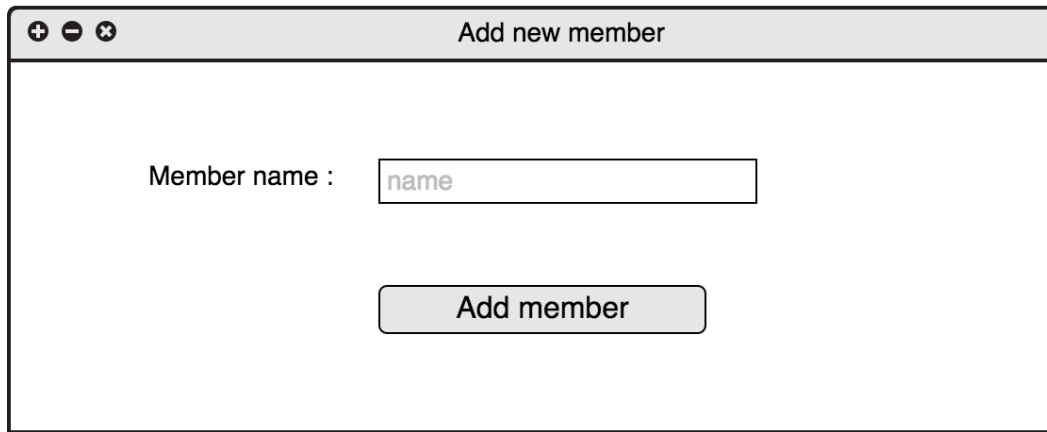
Bidder : John

▼ Name	▼ Paid?
John	<input type="checkbox"/>
Sam	<input checked="" type="checkbox"/>
Dmitry	<input type="checkbox"/>
Srin	<input checked="" type="checkbox"/>

Add new member

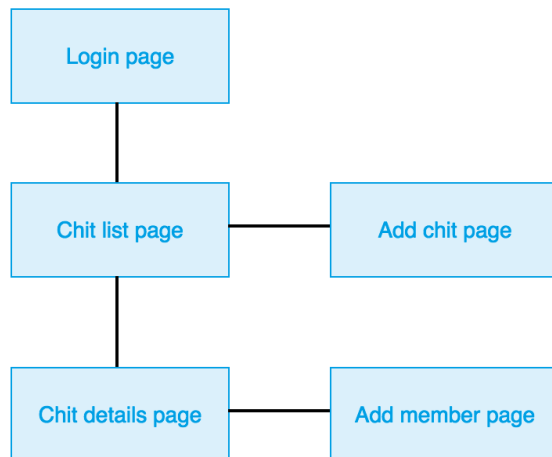
Submit

Add new member page



A UI mockup of a web browser window titled "Add new member". The window has a standard macOS-style title bar with three buttons (plus, minus, close). Inside the window, there is a label "Member name :" followed by a text input field containing the placeholder text "name". Below the input field is a button labeled "Add member".

3. Navigation Structure



Navigation structure above shows the flow of control from one page to another

1. Login page takes to Chit list page on successful login.
2. Chit list page
 - a. Takes back to login on user action "log out"
 - b. Takes to Add chit page on clicking "Add new chit" button

- c. Takes to “Chit details page” on clicking hyper link of any chit from the list
3. Add Chit page allows to add the chit to the list and after adding takes back to “Chit list page”.
4. Chit details page
 - a. Takes back to login on user action “log out”
 - b. Takes to Add member page on clicking “Add new member” button
 - c. Takes back to Chit list page on clicking “submit” or selecting bread crumb “Chit list”
5. Add member page allows to add a new member to the chit and after adding takes back to “Chit details page”.

4. References

Similar applications

- <https://itunes.apple.com/us/app/surabhi-chits-iphone-version/id1002380654?mt=8> (Surabhi Chits iPhone Version)
- <https://play.google.com/store/apps/details?id=com.trachit> (TraChit:Tracker for Chit Fund)
- <https://play.google.com/store/apps/details?id=com.bagdais.cic> (Chits Calculator)
- <https://play.google.com/store/apps/details?id=com.sanks.easycalc> 7 (This app helps the members in a chit/chitty/kuries to calculate the monthly payable amount at the particular date of chit amount collection.)
- <https://play.google.com/store/apps/details?id=net.venussolutions.chitintcalc> (Chits Interest Calculator)
This tiny app will helps to fix your bid amount, when you participate the Chit bids conducted by non banking private finances

Additional References

- <http://www.aiacf.com/node/3109> - All Inida Association of Chit Funds (AIACF) web site detailing the operation of chit funds.
- https://en.wikipedia.org/wiki/Chit_fund - Wikipedia detailing the chit fund savings scheme