FrontEnd

* Web Technologies
* HTML 5
* JavaScript
* JQuery?
* CSS
* Twitter BootStrap
* Two Apps
  + Conceptual or actual

BackEnd

* Datastore
* Google Spreadsheet API

Version 1

* Client
  + Link App / Login View
    - Host Email
    - Client Email
    - Client PIN? - I tend to think that checking for the client email on the employer’s list should be sufficient enough. We probably need to check that their email is still on the employer’s list every day they get on the app.
  + Time
    - Tap in
    - Tap out
    - Running Time
  + Just enter how many hours you worked.(For when you’re working on it off and on over a while.) \*\*I think this one could be a pretty common need\*\* What are your thoughts?
  + Though there may be a market for that, it may necessitate more backend work (another sheet), and I think it would be best put off to version 2.
* Host
  + Reports
    - Monthly report
    - Bi-weekly
    - Weekly report
    - Daily report
    - Edit employee times
  + Time Reporting
* Backend
  + Google Spreadsheet
  + Timesheet
  + Employee sheet

Potential Error Cases

* No phone service when trying to login/logout
* No internet access - Are we going to mandate that they have a data plan.
* Data is a must, either mobile data or WiFi
* Non existent employer address
* Client email not on employer’s list

Version X

* Client
  + Select task/category
  + View reports
  + Request time change
  + A settable alarm when you’ve been working X minutes/hours
  + Dropdown categories config
* Host
  + Set wage for employee
  + Calculate pay for employee
  + Add Holidays
  + Paid Time Off
  + IP Verification
  + Geolocation
  + GeoFencing
  + Custom Reports
  + Other Reports
  + Add tasks/categories
  + Report Filters
    - By user
    - By hours worked
    - Near threshold

User Profiles

* Administrator
* By the Clock
  + Work in blocks of time on a regular basis
  + Typical in more formal and growing businesses
* Freeform worker
  + Casual hours. This user may work odd hours or may be frequently interrupted
  + Contractors, Indie devs, stay at home moms. . .

# Pages

## Login

* Company Email
* Our logo
* Submit
* Space for Keyboard

## Clockin/Clockout Page

* App Title
* Current Time (Subtitle)
* Business Name
* Btn Login (Text = In)
* Btn Logout (Text = Out)
* Running Daily Total (Text=Work Day 00h 00m)
* Running Weekly Total (Text=Work Week 00h 00m)
* Employee picture\*
* Company picture\*
* Color Scheme ???

## Freeform Time Page

* Define
* category
* App Title
* Current Time
* Settings icon (Allows you to switch between Login, Freeform, and Standard clock in pages)
* Date Picker (Auto Select current date)
* Textbox Hours
* Textbox Minutes
* Textbox Description (Another potential here is a predefined dropdown configured by the boss.)
* Submit button.

Admin Page

* Grid
  + Daily
  + Weekly
  + Monthly
  + Yearly
* Current Pay Period