Clockwork RMS v0.1b Brief (Draft)

Thanks to Team Pisces, of last development cycle, Clockwork RMS v0.1a is live and running smoothly. Much of the foundational work is laid. The ideal next steps may include the following:

Primary Goals

0.0 Facilitate multi-tenancy including sign up and system provisioning

1.0 UI/UX Facelift

Kindly refer to earlier materials and scope of this development phase as guide for style:

1.1a "20170120a Clockwork Web Dashboard Prototype (WeHubs - First Proposal).pdf"

1.1b Update inline with current Figma style of Mobile App

1.2 Create clear scenario-based wireframes matching the roles and functions from this brief and the associated materials. Note: Existing mobile elements can be included in workflow but development (React Native) is not needed.

1.3 Implement

2.0 Facilitate Roles, Rosters & Shifts in advance/historic across nLIVE operations at Glen Huntly in detail including:

2.1 Tracking hours

2.2 Leave requests

2.3 Shift gaps, swaps and notifications (predominantly handoff to mobile)

2.4 Shift availability tiers and notifications (in abidance with existing alert classifications and colors) [Stretch goal: Ideally including an ability to toggle methods of job distribution such as round-robin OR team member dependability score (after already filtering availability)].

2.5 Shift Start/Finish, Break Logging and time tracking including associated tasks

^The mobile app will also be actioning the same things, so the data source will need to refresh to allow updates on the same task from either input source.

2.6 Team members being able to provide a rolling availability (ie: set it with option to default to auto-repeat each month/cycle with only a single request the week before the end of that month/cycle approving update of same schedule for next month/cycle)

[STRETCH GOAL: 2.7 Timesheets and payslips are complex, but a simple check that ensures a team member cannot accidentally book to work longer than the law allows is important.]

^Many of these functions will need a method of communication to the mobile app for existing features (ie: Injection inot NoSQL)

2.7 Rostering should include full scenarios for:

2.7.1 Cafe / Opportunity Shop (Requires: Roles and Task-Sets and Rostering)

2.7.2 Domestic (Cleaning and Ops Shifts)

3.0 Tasks, Milestones and Projects (Group notifications)

Note: Multimedia may be associated with tasks. Task Types include:

3.1.1 Critical Tasks (Group Notification if in jeaopardy)

3.1.2 Parent/Child Task-Sets

3.1.3 Role Based Tasks

3.1.4 Shift Based Tasks

3.1.5 Template and Guide-Based Task and Task-Set examples

^Scenario example: Task-Sets related to cleaning are available in Click Up. These operations related tick-based or tick-and-photo-upload-based activities should be automatically inserted into a team members to-do-list when they accept a shift/role etc.

^Repeat for Milestones and Projects. Include GANNT for projects/milestones if easy.

[STRETCH GOAL 3.1.6 Acceptance of appropriately formatted Text-Based injection of task, milestone and projects - See https://taskjuggler.org/ for the idea. If there is a better way or standard than Task Juggler for formatting text like this, please share it!] <- Note that Click Up kind of tries to do this, but it fails pretty hard at parsing... In any event, the ability to navigate common tasks in a UI exclusive by keystrokes is AWESOME.

4.0 Facilitate interaction of all items above where they match the features of current version of Clockwork Mobile (React Native) via insertion into NoSQL. This component will require gap-analysis after understanding this briefs' scope.

Secondary Goals

4.0 Functions/Events:

4.1 Repair Cafe

Adding a Skills Matrix and co-ordinating skill availability intelligently with interest and bookings from the public would be ideal.

Requires bookings of team members with skills, and also bookings of the public for the same date...

Eg: Electrician is on-duty on date x, meaning this kind of repair request booking by the public may be accepted.

4.2 Group training activities and bookings (eg:Bread Making: https://www.greetingsisland.com/invites/pdn2kditvtvu, PC Repairs / Cyber Security https://www.greetingsisland.com/invites/svqqpr2j1ewt)

Secondary Goals

5. Facilitate detailed logging of desktop & web-based workers

Screenshots, Keystroke capture as encrypted un-editable logs

Associated with relevant tasks/project/milestone

Note: Access to these logs must also be restricted as they may include very sensitive information such as passwords and financial data etc.

6. Secondary goal: Productivity reporting

Tertiary Goals

7. Delivery Management (Items being posted/sent to us, and items being sent to customers)

And finally a few notes provided from testing at the end of the last dev cycle:

:TYPO: Email PW creation/reset URL text:

Set youasdasdasdr password

Business hours

Ideally to be save-able (as a template/name) and match and integrate with shifts (if not matching - present warning)

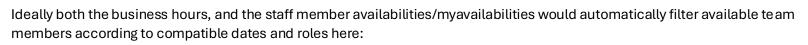^Where are business hours relevant/used?

RE: https://clockworkscheduling.com/rosters/edit/69

^Insert date / calendar view

^Unable to edit Role

RE: https://clockworkscheduling.com/availabilities/myavailabilities

^Select All, Select Weekends, Select WeekDays - Provide date range (default up to 3 months in advance)

Ideally both the business hours, and the staff member availabilities/myavailabilities would automatically filter available team members according to compatible dates and roles here:

https://clockworkscheduling.com/shifts/add/69

PERMISSIONS: Unable to edit roles as admin (Button does nothing), add/delete is fine.

How to create special tasks?

https://clockworkscheduling.com/tasks

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Priority=Trivial

PROFILES:

Phone Number

Field control is always good, but it needs to be able to accept all number sets including potentially international numbers (for remote team workers). There are VOIP type filters that can guide this if desired.

Address

Can have integrated validation check with free tools.

https://clockworkscheduling.com/activities

:Typo: Change: Archieve to Active/Inactive

User view:

https://clockworkscheduling.com/users/view/113

More comprehensive vs Edit. In particular can see availability in view:

https://clockworkscheduling.com/users/edit/113

Understandable that availability view is not editable by admin, but I think better to show same UI menu - perhaps just light grey background for non-editable options.

Entering sub-menu's often not convenient for return to 'parent' menu.

Appears to present 404 error when session login/creds timed out and/or login level changes on same browser (ie: User level login is given a 404 if attempting to access an admin exclusive URL)?

^Is that right? It's good if it is. No need to change, just wondering if by design/intention.

FUTURE TO DO LIST:

No relationship between employee and skillset(s)