Hi Archie

Here are my comments in red:-

Ø  General:

·         Create an account in the system. The user will have two roles ADMIN, CREW\_MEMBER

·         Despite the role of the user. The object(user) will have details about itself.

·         The application will have a main login view which will be the starting page of the app.

Ø  Crew point of view

·         Dashboard will be the main page after logging into the system.

·         Crew member will have a status as General Crew, Carpenter, Technician, Ipaf 3a & 3b, Counterbalance Forklift Operator, Rough Terrane CB Forklift Operator, Telehandler, Follow spot Operator, Van Driver, Pinnacle Driver, Personal Car,  CC, 2IC. Approved by admin.

·         Crew member will see list of all the available jobs with ability to accept them. (Button accept) – there should also be a reject button. The office needs quick replies so even if the response in NO then they know to move on.

·         If job is accepted is moved to section "accepted jobs". Then the accepted job is removed from section "all jobs available" for the current logged crew member(user).

·         The system will count all the hours to date for each crew member. Crew member can filter it weekly, monthly, annually

·         Crew member will see a profile with all the details such as: first name, last name etc. It would be good if crew could upload information/documents ie passports, tickets, driving licences etc

·         System can send an automatic SMS (WhatsApp is better and saves the company money) reminder about a job.

·         Crew member will send a CJA via the app. (CJA stands for confirm job attendance) – Crew Chief/2iC/Duty manager get a WhatsApp alert if someone has not checked in to the job via a CJA button 2hrs 15 mins prior to job. It’s the Crew Chiefs roll to then call the crew member in question and only after exhausting that option do they call the duty manager.

·        This is going to be as this pattern: CJA first name last name, location job number.

·         Crew member will have notifications about added, updated, or deleted job. – job amendments mean that the crew have to reconfirm the job as they do now but in this case with a click of a button ie “Reconfirm Job button” or “Reject Button” which means they are removed from the job and the system gets a notification of this.

·         If the job has already full required crew it must be removed from section "all available jobs"

·         Crew member will attach a report to finished jobs. - The crew should also be able to log extra hours that do not automatically change the hours worked but require the office to validate

Crew Chiefs need to sign off the job – and must give it a rating from 1-5 and add any information that was notable and should be followed up by the office.

·         The system needs to track all the accepted jobs. They can't overlay on each other.

·         The crew member will have the ability to swap the jobs. (Trading post for job swaps.) This will not be allowed!

·         All information will be performed on the dashboard. Upcoming jobs, hours done so far etc.

Ø  Additional features which might be implemented:

·         Shows for crew member which jobs are closer. NO

·     Using a google maps API YES

Ø  Admin point of view.

·         Admin can add a job to the list and show it in section all available jobs. This feature needs to have an update function where all the data can be changed and then updated in the app.

·         Admin will have the ability to add, update and delete a job.

·         Admin will approve registered account of crew member in the system.

·         During creation of a job admin can choose which data want to show for the crew.

It is imperative that this system receives information form our database system and converts it’s into the above.

I think the important things that the system needs to achieve are the following:-

1. The crew have an effective way of communicating with the office with regards to offered work
2. The crew have the ability to confirm, reconfirm or decline work
3. The crew have the ability to request leave
4. The crew have the ability to see open jobs i.e. jobs in the future or last minute jobs that the office is deeming open. The app will need to know how many position are available and count down as they are filled.
5. If the office decides to do this then certain positions will only be visible to certain crew levels i.e. levels 1 (Novice) – 5 (Crew Chief)
6. The crew must be able to see there upcoming jobs represented on a diary so that they can plan their time effectively
7. There would be good if WhatsApp was integrated as the office would send msm/WhatsApp messages to crew to remind them that they have pending jobs in their app.
8. There need to be a timesheet/wallet section in the app where the office can update the crew timesheets, the crew can make queries and or confirm timesheets ready for payment
9. All past payments to crew should be recorded and represented (not past timesheets as this would be a GDPR violation).
10. CJR process should be instigated from the app
11. Crew & Crew Chief reporting would be an essential part of this app.
12. Many systems on the market require the user to switch on GPS tracking as they work with GEO fences to record arrival and departer times (this would be helpful)
13. Crew should have the ability to update their profile and upload required documents but in all cases this would be a request that the office would have to validate before the information was made live in their profile.
14. There can be no sharing of information between users as this would be deemed a GDPR violation. The only communication allowed is from the office to and individual crew and visa versa. I hope you understand the severity the GDPR regulations Archie because if they are not followed to the letter then there are serious consequences for the neglectful parties involved.

There is most probably more but I think that s it for now.

Hope this help