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ACCOUNT LINKED JOB PROMOTION

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Account Linked Job Promotion

A mechanism to promote the jobs based on logged in user account.

This disclosure relates to the field of printing, job promotion and accounting.

A program is disclosed that would provide a logged in user with facility to promote his/her job(s) by using his account credits.

In current scenario if many jobs of different users are queued in the printer then admin or privileged user has the authority to promote only a job. But if a user wants to promote all/part of his/her submitted jobs queued in the printer then there is no such option available. Our Idea proposes that if a user needs to process his/her job(s) ahead of other user jobs, he/she will be allowed to promote his jobs(s) after login based on below criteria:

1. Based on User Credit and system resource
    a. A list of logged in user's jobs will be displayed. The user can select combination of jobs to be promoted such that maximum jobs can be executed based on credits and system resources available. This job combination list will be calculated and created dynamically based on remaining credits and system resources.
    b. After each job is executed, job list will be refreshed depending on available credit and system resources and job combination list will be recalculated. User credit can be taken care by job accounting methods.

2. Based on Privileges set by admin
    a. Once user logs in to device, logged in user jobs will be promoted to the front of the job queue and normal printing continues. A list of jobs belonging to current user is also displayed, from which the user can select any of his jobs and execute it.

According to the proposed idea when a valid user logs in to the device, then the system checks for user's account credit information. If user has no credit, then no jobs are shown to the user to promote. If credit is available, then it lists the job(s) that the user can promote based on his available credit. From the displayed list user can select jobs that he/she wants to promote iteratively, and his account credit gets refreshed automatically (decreases if a job is selected to promote). During job selection for promotion if the user account credit gets over then no more job can be selected.

With this idea below are the advantages:

1. User does not require admin access to promote his job which now can be done by paying money.

2. User does not have to browse through job lists to select all his/her jobs. (As users all fired jobs will not be in a sequential order)

Below figure explains the flow
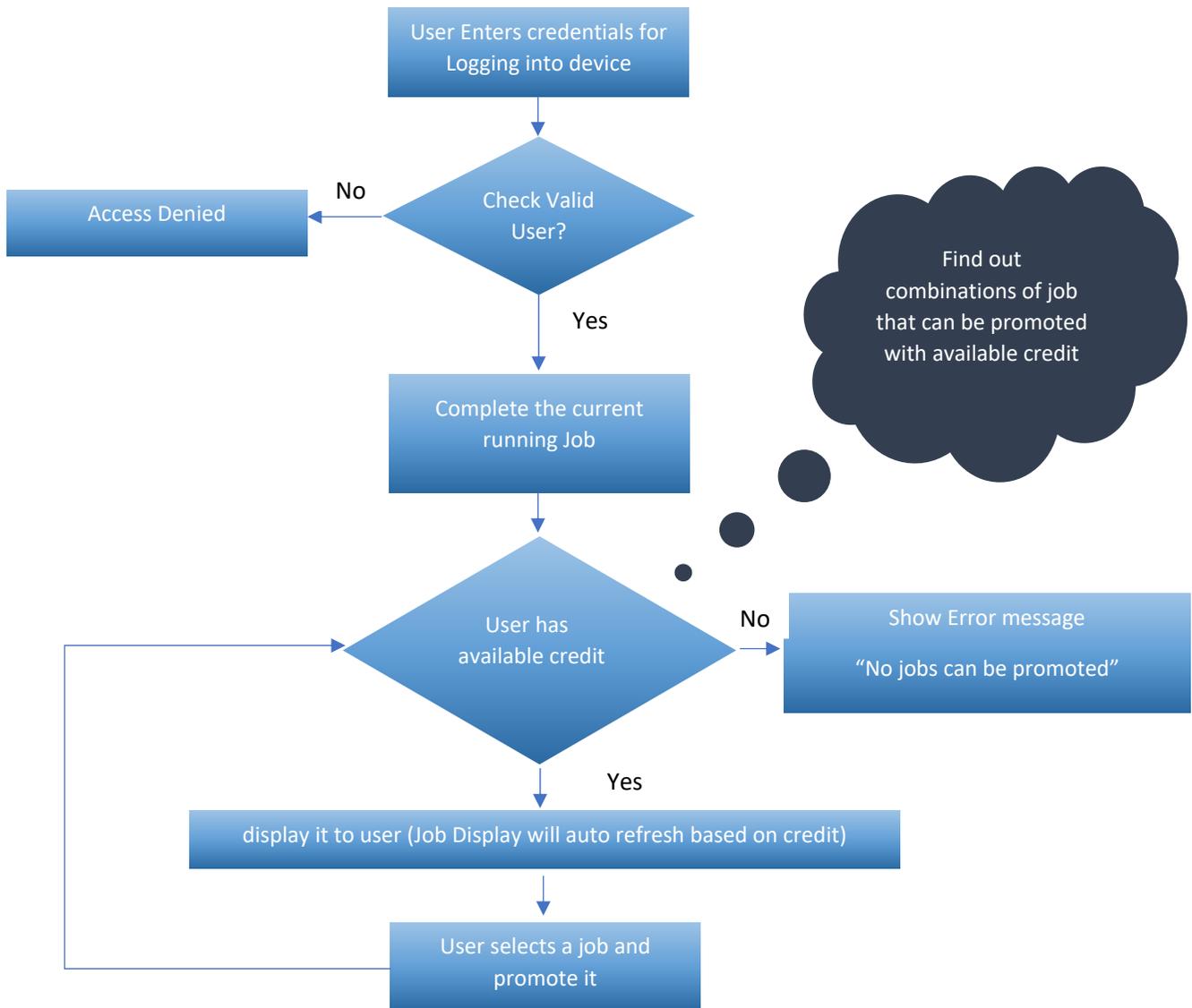
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