Healthcare Problem: Resource Estimation

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The required quantity shows how many of the resource is needed while the resource utilization shows how much available resource time is used.

The chart shows how long each resource is used in comparison to how many minutes each resource is effectively available.

The Resource Balance Chart shows that we need 30 hours of administrator time and 50 hours of PCA time per day, to be on duty at all times. The RN resource utilization is over 100% though so we should consider having an additional nurse on staff.

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The resources assist with different processes and spend a certain amount of time with each process, shown by the arrows.

The chart shows how long each resource is used in comparison to how many minutes each resource is effectively available.