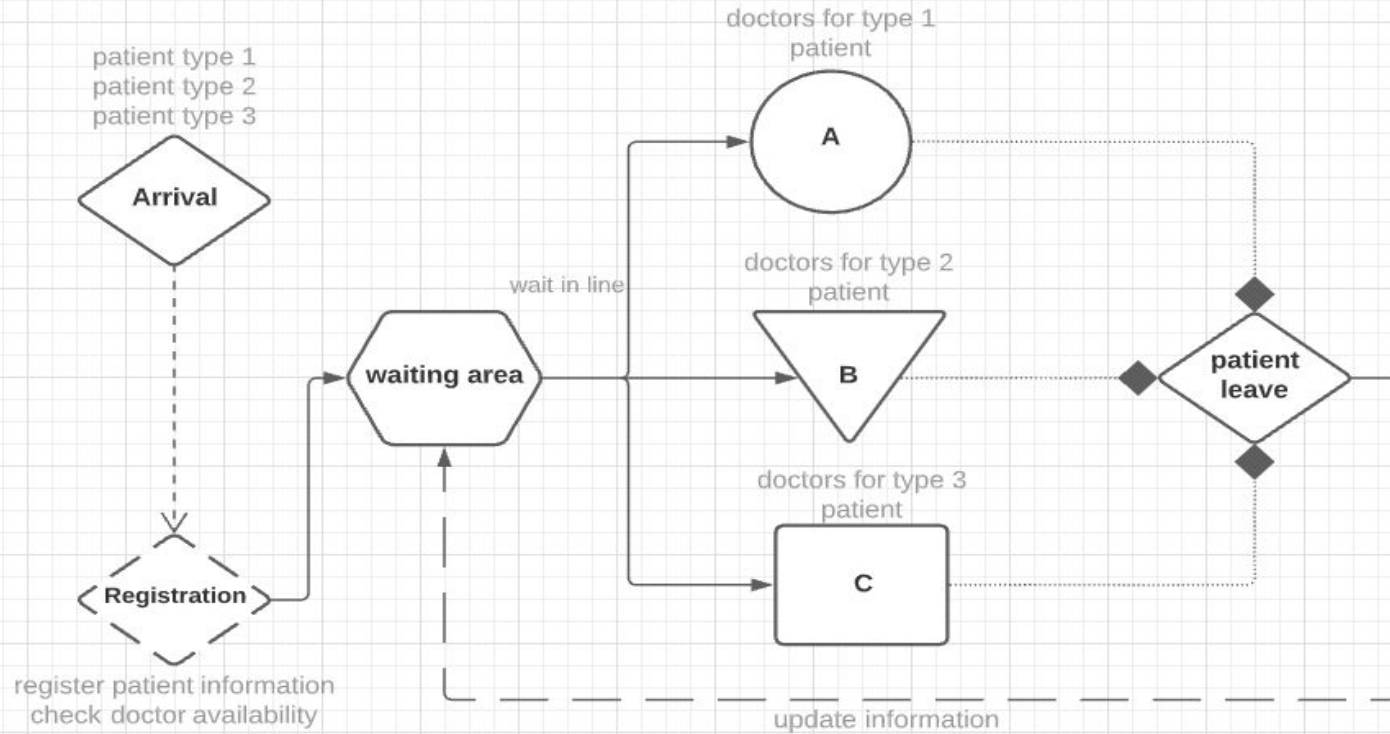# Simulation Of A Multi-Facility Outpatient Clinic

Group 4 - Final Project

Diagram

Team Responsiblity 1

How many servers of what type?
5 of Type 3
3 of Type 2
1 of Type 1

Do they vary with load?
No limit to the amount of patients waiting/arriving.

Input distribution?
Exponential Distribution (Arrival rate: Lambda = 8 patient/sec)
Arrival → Registration → Waiting area → Service area → Leave

What would the future event list look like?
Exponential Distribution (Arrival rate: Lambda = 8 patient/sec)

Service distribution?
Exponential Distribution (Arrival rate: Mu = 10 patient/sec)