Rough Meeting Notes from Wednesday January 15th

Participants: Project Team, Corey, Talha and Dr. Down.

Variable input discussion:
- Resources (limited or unlimited modes)
  – Number of Porters
  – Stretchers, Wheelchairs
- Compliance
  - 5 and 5 rule (porters leave after a set duration, job is cancelled and re-added to pool)
  - Equipment availability (factor that modifies delays)

There are 3 to 4 stages in a typical job, each stage taking appx. 10 minutes. The first stage, dispatch time, is key to keeping overall transaction time low and within the 30 minute industry standard.

Output Metrics – Transaction time(Delay totals, Porter Availability / efficiency, patient readiness, physical distance)

On the topic of UI and settings that Corey would find useful:
– Would like to be able to make quick changes to a set of simulation inputs.
– Designed so that the most basic settings could be understood and operated by a porter leader.
– GUI Midi dials (In principle) for adjusting variance of inputs.
– Advanced settings that allow for manipulation of more delicate simulation inputs.
– The ability to run historical event sequences with different resources would be beneficial.

Decisions made or actions taken from sim results:
– 5 and 5 compliance effectiveness, and tangible benefits of increased Inter-Unit communication to lower patient wait time.

Need to write a new requirement for importing the hospital layout graph.

When the team trials the project for the stakeholders, we should do our best to provide as 'complete' a version as possible. A positive first reaction will ease refinement to the final product.

Some New Changes to Old Information:
– **End users of may be non-technical and a basic UI with priority settings will need to be polished.**
– **Output is now expected to be manipulated and some graphs / charts produced from the results. Should be achievable through excel.**
– **Introduction of a database to store past job data so that specific event sequences can be re-tested with different variables.**

Expected gifts from Corey – Porter Roster for staffing info, and delay / transaction time data.