CS

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Define CS, fit into CC

- 1. CUSTOMER SEGMENT(S)
- Patients
- Hospital Management

6. CUSTOMER CONSTRAINTS

The main challenge for overseers of such plans is making hospital financiers look beyond obvious financial ramifications. For instance, some of the strategies suggested will eliminate unnecessary use of tests, surgical procedures or other hospital services. This may lead to diminished income for the company

5. AVAILABLE SOLUTIONS

CC

RC

There are few length of Stay prediction model available which lacks in predicting some exceptional case where the length of stay may extend.

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2. JOBS-TO-BE-DONE / PROBLEMS

Hospitals face many challenges from within and outside of the health sector which indirectly affect the patients and staff.

9. PROBLEM ROOT CAUSE

Most problems hospitals face lie in financial issues, which are not limited to budget cuts from government funding, medical care reimbursement delays

7. BEHAVIOUR

Developing a model which predicts the length of stay of unexceptional cases with better accuracy.

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Identif TR SL CH 3. TRIGGERS 10. YOUR SOLUTION 8. CHANNELS of BEHAVIOUR 8.1 ONLINE To accurately predict the length of strong Should Have To Check The Possibilities of Emergency Our solution includes using algorithms like stay TR & Occupancy 8.2 OFFLINE Fuzzy Logic, Tree Bagger, Random Forest, EM and Decision Trees to predict the length of Check the Availability of Beds in Hospital. stay more accurately. Gives frequent update EM 4. EMOTIONS: BEFORE / AFTER about the bed availability. Before: Patients often get frustrated and depressed. After: They feel better and get new beginning