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| **TITLE OF THE SOLUTION** | ***Determining the mortality rate,predictive factors and health care resource utilization for Heart failure re- admission*** | | |
| Analysis of congestive heart failure readmission rate | we aim at leveraging big data infrastructure for our designing mortality rate calculation tool, and designing more sophisticated predictive modeling | | |
| Date of Submission : | ***30-Aug-2016*** | | |
| **Team Members (Fill in details below)** | | | |
| Name | Branch | Semester |  |
| RITHIN T L | ME(Big data & data Analytics) | 1st |  |
| PRETIK C P | ME(Big data & data Analytics) | 1st |  |
| ABHISHEK BANSAL | ME(Big data & data Analytics) | 1st |  |
| SHISHIR DUBEY | ME(COMPUTING AND VIRTULIZATION ) | 2nd |  |
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| What problem/pain area you intend to solve? Who is facing this problem/pain area (who is your target customer?) | | | |
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| We are choosing reduced ejection fraction (HfrEF) as our primary area. Patients with age above 50 facing heart problems and been under treatment. | | | |
| Briefly describe your solution / idea /proposition (What do you intend to do) | | | |
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| We are suppose to apply predictive analysis on the available data and with the help of such analysis ,we can predict the following factors:  1.how to take measures of particular fields to control mortality rate.  2.what predictive factors should be established in order to control re-admission rate.  3.how to take advantages from the available health resources and  optimal utilization of health resources. | | | |
| What support do you need to create this prototype: (HW, SW, any other resources …) | | | |
| S/w- UBUNTU operating system  H/w- RAM 24GB ,HARD DISK – 1TB,Processor- i7 3.20 Ghz, Internet connection with open IP | | | |
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| What infrastructural needs do you foresee to demo this solution *<Tables, Power points, Monitors, IT support for LAN, Wi-Fi etc.>* | | | |
| IT support for LAN | | | |