Visualizing and Predicting Heart Diseases

Brainstorm and idea prioritization

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1

Define your problem statement

The leading cause of death in the developed world is heart disease. Therefore, there needs to be work done to help prevent the risks of having a heart attack or stroke.

⏱ 10 minutes

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

⏱ 10 minutes

Team member 1

- Collect user data
- Get inputs from healthcare facility
- Import Required Data
- Prepare the data for exploration
- Explore the formatted data
- Create relationship between variables
- Visualize the explored data into visualizing tools

Team member 2

- Analyse Patient's Medical History
- Monitor Number of people affected by heart disease
- Pre intimation of a disease
- Compute after effects of a disease
- Monitor patient's recovery rate
- Data exploration and Visualisation
- Collaborate with healthcare experts

Team member 3

- Number of ... ... affected in a particular region
- To monitor ... ... available rate
- ... health disease using the analysed
- assistance to the users during that illness
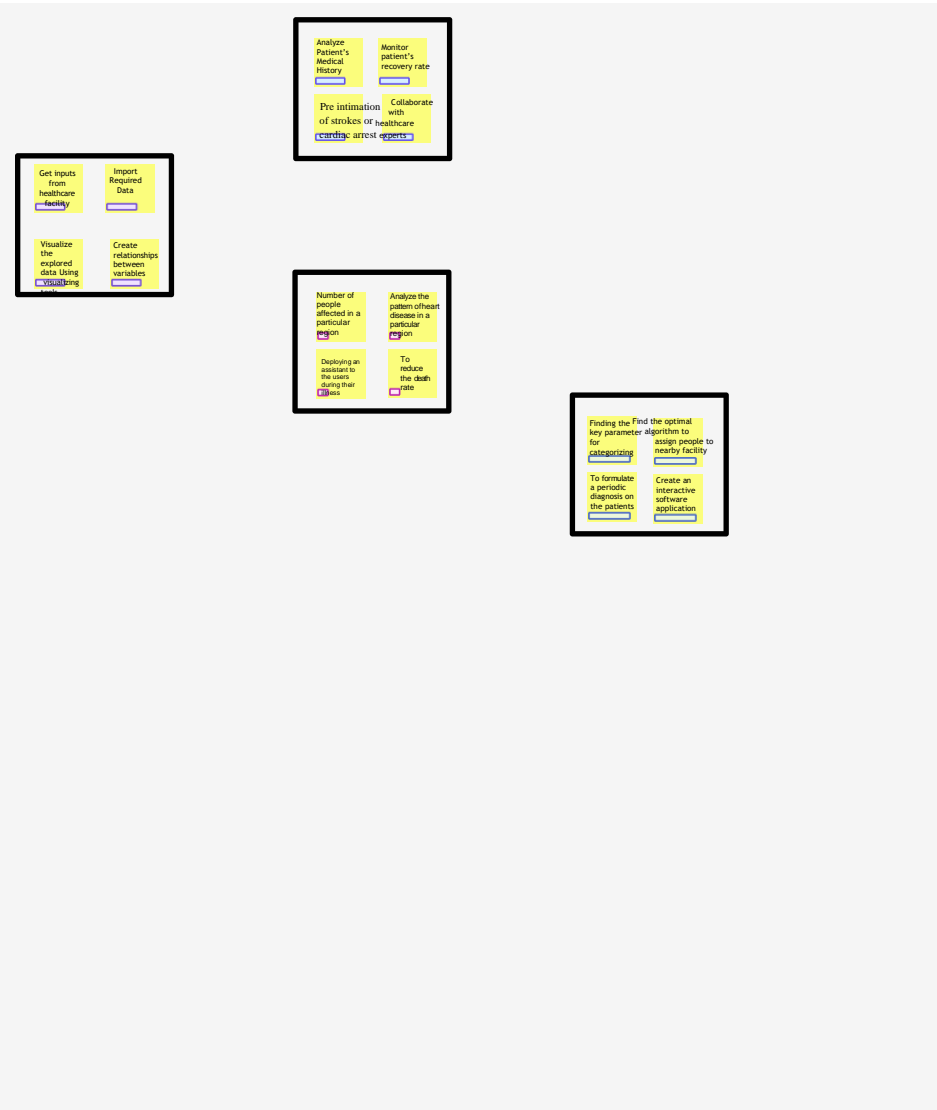- Timeline the death rate

Team member 4

- Collect Data from hospital
- Categorizing people by their age and gender
- Finding the key parameter for categorization
- Find the optimal algorithm to assign people to nearby facility
- To formulate a periodic diagnosis on the patients
- Create an interactive software application

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

⏱ 20 minutes

- Analyse Patient's Medical History
- Monitor patient's recovery rate
- Pre intimation of strokes or ... ... : arrest
- Collaborate with healthcare experts

- Get inputs from healthcare facility
- Import Required Data
- Visualize the explored data Using ...
- Create relationships between variables

- Number of people affected in a particular region
- Analyse the pattern of heart disease in a particular region
- Deploying an assistant to the users during their illness
- To reduce the death

- Finding the key parameter algorithm to for categorization
- Find the optimal algorithm to assign people to nearby facility
- To formulate a periodic diagnosis on the patients
- Create an interactive software application

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

- Create awareness among people
- Collect user data of different
- Develop an Interactive
- Analyse patients medical history
- Deploying Assistant to Users of illness
- Analyse the patients involved
- Collaborate with healthcare experts
- Prediction of Heart disease using the explored data
- Good Healthcare systems
- Analyse Patient Medical History
- Compute after effects of a disease