

What do they
THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations

There needs to be
work done to help
prevent the risks of
having a heart
attack and stroke

Predicts chance of
presence of a
disease present in
a patient on the
basis of their
symptoms

It has the potential to
benefit stakeholders
such as the
government and health
insurance companies

It's provider will
examine you and
ask about your
personal and
family medical
history

Many different
tests are used
to diagnose
heart disease

What do they
SEE?

environment
friends
what the market offers

What do they
SAY AND DO?

attitude in public
appearance
behavior towards others

Average age
for different
chest pain
types.

Predicts which
patients are most
likely to suffer
from the heart
disease in near
future.

The leading
cause of death in
the developed
world is heart
disease.

What do they
HEAR?

what friends say
what boss say
what influencers say

Predicts chance of
presence of a
disease present in
a patient on the
basis of their
symptoms

It recommends
necessary
precautionary
measures required
to treat the
predicted disease

Thus system aims at
giving more
sophisticated
prediction models, risk
calculation tools and
feature extraction tools
for other clinical risks

PAIN

fears
frustrations
obstacles

Time
constraint
and
inaccuracy.

Collecting
the data
set.

Network
problem.

GAIN

“wants” / needs
measures of success
obstacles

Predicts the
likelihood of
patients
getting heart
disease

It enables significant
knowledge, eg,
relationships between
medical factors related
to heart disease and
patterns to be
established

Use this dataset to
predict which
patients are most
likely to suffer from
a heart disease in
the near future.

Health
professional
enters the input
values from the
patients health
report