Knowledge technology practical
Project plan

Gijs Hendriks s2410540
Marix Jansma s2784866
Hidde van den Bos s3219496

Our expert(s):
Lies Hoefsloot
Hoofd Laboratoriumdiagnostiek
https://www.erasmusmc.nl/klinische_genetica/verwijzer/specialisten/hoefsloot/
Relation: Mother of Gijs

Our backup expert:
Carlijn Frantzen
Klinisch geneticus
Relation: Sister-in-law of Gijs

We plan to skype with Lies next week, wednesday, thursday or friday, because she works in Rotterdam. Carlijn works in the UMCG so this might be more convenient to just visit.

Role of knowledge technology
We will use either a rule model or an inference model.

Use case
Many people suffer every year from breast cancer. This can be prevented with early detection. However the risk to have breast cancer are highly depended on some factors like age, gender, and family. Our system will ask questions to the general public in order to assess this risk. Then it will give an advice to either seek out a doctor or not to go. The process to screen everybody over a certain age is time and money consuming and can be improved by our system.

After starting this project we found out that this system already existed.
https://bcrisktool.cancer.gov/ This is done after the Gail model.

Link to our hello world
https://github.com/MarnixJansma/knowledgetechnologypractical

Todo
- Finalize appointment with expert.
- Flesh out hello world
- Clarify Readme
- Prepare interview