

-Requirements Elicitation:

- User stories:

Targets: Obstetrician, Pregnant, Manager, Laboratory staff

- As an obstetrician, I want to know the laboratory results, in order to check if there is any risk of miscarriage.
- As a pregnant, I would like to know my gestation week, in order to know my due date.

- Use cases:

- Insert women:
 - Actor: Obstetrician
 - Description: The obstetrician registers women on the data.
 - If the patient is already registered due to previous pregnancies: add another pregnancy date.
 - Postconditions: The woman will undergo a pregnancy test.
- Add pregnancy:
 - Actor: Obstetrician
 - Description: The user registers pregnancy data, date of conception, type of conception and other relevant details.
 - Preconditions: Pregnant must be registered in the database, just if the laboratory results are positive.
- Register laboratory results:
 - Actor: Laboratory staff
 - Description: The user registers laboratory results associated with a particular pregnancy.
 - Preconditions: Pregnancy must be registered in the database.
- Prescript drugs:
 - Actor: Obstetrician
 - Description: The obstetrician registers drugs prescribed during pregnancy.
 - Preconditions: Pregnancy must be registered in the database.
- Login:
 - Actor: Obstetrician and laboratory staff
 - Description: The obstetrician and laboratory staff can login
 - Preconditions: The system needs to be created.
- Register complications during birth:

- Actor: Obstetrician
 - Description: Any complications related to birth are recorded. Allows additional details to be registered in text format.
 - Preconditions: Birth must be registered in the database.
- Show prenatal record:
 - Actor: Obstetrician
 - Description: The obstetrician accesses the patient's prenatal history, viewing all events related to her pregnancy, prenatal visits, laboratory results, prescriptions and delivery details.
 - Preconditions: Birth must be registered in the database.