

-Requirements List:

1. Functional Requirements:

- REQ.1: Both the obstetrician and the laboratory staff can log in.
- REQ.2: The obstetrician can add a woman's profile to the database.
- REQ.3: The obstetrician can view the data of a woman.
- REQ.4: The obstetrician can update the data of a woman.
- REQ.5: The obstetrician can delete the data of a woman.
- REQ.6: The obstetrician can change his account password.
- REQ.7: The obstetrician can register a woman in the database.
- REQ.8: The obstetrician can register a pregnancy associated with a woman in the database.
- REQ.9: The obstetrician can view information about a pregnancy associated with a woman.
- REQ.10: The obstetrician can view information about a newborn related to a pregnancy.
- REQ.11: The obstetrician can delete information about a newborn related to a pregnancy.
- REQ.12: The obstetrician can register information about a newborn related to a pregnancy.
- REQ.13: The laboratory staff can register laboratory results.
- REQ.14: The laboratory staff can view laboratory results.
- REQ.15: The laboratory staff can update laboratory results.

2. Non-Functional Requirements:

- NFREQ.1: The system is programmed in Java.
- NFREQ.2: A pregnancy can only be registered if the laboratory results test positive for pregnancy.

-Traceability Matrix:

U.C. 1: Login

U.C. 2: Register Woman

U.C. 3: View Woman's Data

U.C. 4: Update Woman's Data

U.C. 5: Delete Woman's Data

U.C. 6: Change Password

U.C. 7: Register Pregnancy

U.C. 8: View Pregnancy's Data

U.C. 9: View Newborn

U.C. 10: Register Newborn

U.C. 11: Delete Newborn

U.C. 12: Register Laboratory Report

U.C. 13: Update Laboratory Report

U.C. 14: View Laboratory Report

X	REQ .1	REQ .2	REQ .3	REQ .4	REQ .5	REQ .6	REQ .7	REQ .8	REQ .9	REQ .10	REQ .11	REQ .12	REQ .13	REQ .14	REQ .15	NFREQ. 1	NFREQ. 2
U.C. 1	X																
U.C. 2		X					X										
U.C. 3			X														
U.C. 4				X													
U.C. 5					X												
U.C. 6						X											
U.C. 7								X									
U.C. 8									X								
U.C. 9										X							
U.C. 10												X					
U.C. 11												X					
U.C. 12													X				
U.C. 13													X		X		
U.C. 14														X			