Components:

We have completed implementing the following components in modelsim:

1. Dialing Module: (*Wegene*)
2. Voicemail Module*(Saher)*
3. Node Stations Display Module(Wegene)
4. Acknowledgement send Module (King)
5. Acknowledgement Receive Module (King)
6. Playing audio Module (King)
7. Coordinator FSM Module(all)*:*
8. Coordinator Display Module (Saher)
9. User identification Module: (king)
10. One Byte Decoder Module(King)
11. Multiplexer Module (Wegene)
12. Window Module (Wegene)
13. Calling Module (Saher)
14. Talking Module (Saher)

Deliverables

We plan to accomplish the following functionalities at the end.

1. Be able to make one to one communication
2. Be able to create an audio conference
3. Voicemail, Node Display and Coordinator Display

Possible extensions:

If we finish the proposed project on time, we plan to add the following additional functionalities to our system.

1. Add image modules to enable video talking
2. Add wireless modules to enable wireless communication
3. Add keypads to user ends to simulate the real calling scenario