Month	Day	Development Plan	Test and Demo Plan
Jan	30	● GUI prototype	● Showcase GUI Prototype
Feb	6	● Add Network Dialog 　○ Open dialog on 'add network' button click	● User will click 'add network' button, enter the network information. ● User will try to connect to the network to test the connection
	13	● Home UI 　○ keep a list of configured networks (configured network list) 　○ accept/decline invitation pop-up dialog	● User can set the limit on # of people connected to the network, etc. ● User can see the list of configured networks on the home screen ● User can see the invites received
	20	● Contact UI 　○ add to networks/remove from networks dialog 　○ revoke access button ● Network UI 　○ add/remove friends dialog ● Settings UI	● User can see the Contact UI and add or remove networks ● User can navigate to the Network UI ● User can add/remove friends
	27	● Banner Notifications 　○ implement callback functions to listen for messages from server and display a notification	● User can test notifications by pressing button and waiting for notification to appear ● User can tap notifications which will open app
March	6	● WiShareNetworkManager 　○ design a scanner to scan for networks in range of a device 　○ manager adds networks to the configured network list	● User can then select their network from that list and type in the password ● User can test Wifi Scanner by comparing scan results to other wifi scanner results
	13	● SQLite Database 　○ store client contacts and networks in database. 　○ Shared preferences for key-value information	● User can see their contacts in the app ● User's preferences will be saved when opening the app
	20	● Firebase Server 　○ data message format 　○ link to firebase account	● User will send data messages between devices
April	3	● Integrate Postgres Database 　○ Store client phone numbers and tokens 　○ Send data messages between devices.	● User can invite friends to join their networks
	10	● Invitation types 　○ permanent invitation 　○ one-time invitation	● User can select between the two invitation types
	17	● Allow host to revoke 　○ add callbacks to listen for revoke data messages ● Client Analyzer 　○ keep track of client data usage 　○ display which clients are on networks x,y,z to host	● User can revoke clients ● User can see which client is using how much data ● User can see which client is on which of their networks

A Gantt chart with the following tasks and timeline (1-Feb through 26-Apr):

Task	Timeline
Add Network Dialog	~1-Feb to ~8-Feb
Home UI	~9-Feb to ~22-Feb
Network, Settings, Contact UI	~16-Feb to ~22-Feb
Banner Notifications	~23-Feb to ~1-Mar
Implement WiShare Network Manager	~2-Mar to ~8-Mar
Make SQLite db	~12-Mar to ~18-Mar
Set up backend server	~19-Mar to ~5-Apr
Integrate postgres db with server	~2-Apr to ~8-Apr
Invitation Types	~9-Apr to ~15-Apr
Client Analyzer	~16-Apr to ~23-Apr
Allow host to revoke	~16-Apr to ~23-Apr