

| ID | Task Name | Duration | Start | Finish | Resource Names | %done |
|-------------------------------|--|-----------|-------------|----------|------------------------|-------|
| | Research on microcontrollers' compatibility to XSA-3S1000 | | | | | |
| 1 | board | 1 week | February 25 | March 4 | All Members | |
| 2 | Reviewing design report | 1 week | February 25 | March 4 | All Members | 100 |
| 3 | Web page preparation | 3 days | February 27 | March 1 | Gokhan, Dicle | 100 |
| 4 | Getting used to cvs | 5 days | February 25 | March 2 | All Members | 100 |
| 5 | Revision of bluetooth usage(AT Commands) | 4 days | March 4 | March 8 | Gokhan, Ebru | 100 |
| 6 | Pretesting of data sending from admin pc to other pc | 1 day | March 8 | March 9 | Gokhan,Ebru | 100 |
| CODING | | | | | | |
| <u>FPGA Board</u> | | | | | | |
| 7 | Investigation on gxsload | 2 weeks | March 10 | March 24 | All Members | 100 |
| 8 | Compilation on gxsload | 2 weeks | March 25 | April 7 | Mehmet, Ebru, Gokhan | 100 |
| 9 | Sending .tga file from PC's parallel port to FPGA | 1 week | April 1 | April 8 | Ruslan, Mehmet, Gokhan | 100 |
| 10 | File conversion on board (.tga->.xes) | 1 week | March 1 | March 8 | Mehmet, Ebru | 100 |
| 11 | Retrieval of address and RGB value from outside to FPGA board's parallel port | 1 week | April 1 | April 8 | Ruslan, Mehmet, Gokhan | 100 |
| 12 | Getting vast knowledge on RAM configuration | 1 week | April 1 | April 8 | Ruslan, Gokhan | 100 |
| 13 | Configuration of VGA port interface | 1 week | March 1 | March 8 | Mehmet | 100 |
| 14 | Testing of one way data sending | 2 days | April 7 | April 8 | Gokhan, Ruslan | 100 |
| 15 | Retrieval of event data from RAM | 2 days | April 24 | April 26 | Mehmet, Ruslan | 30 |
| 16 | Conversion of event data to ICallEvent and sending it out from parallel port | 3 days | April 27 | April 30 | Mehmet, Ebru | 30 |
| <u>PIC + Bluetooth</u> | | | | | | |
| 17 | Circuit design | 1 week | March 6 | March 12 | Ruslan, Dicle | 100 |
| 18 | Study on ceng336's PIC board* Practicing serial to parallel(via 7 segment display) data conversion | 1 week | March 13 | March 20 | Ruslan, Dicle | 100 |
| 19 | on * | 1,5 weeks | April 13 | April 25 | Ruslan, Ebru | 100 |
| 20 | Actualizing the conversion on our circuit | | April 25 | | Ruslan, Ebru | 100 |
| 21 | Defining our protocol on PIC Delivery of a routine for broadcasting the environment for | 2 days | April 20 | April 22 | Dicle, Mehmet | |
| 22 | bluetooth devices | 15 days | April 20 | May.05 | Ruslan,Ebru | 100 |
| 23 | | | | | Gokhan, Dicle | 100 |
| <u>PC Software</u> | | | | | | |

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|--|-------------------------------|---------|----------|----------|--------------|-----|
| Serial port interface on PC for image and event data transfer to | | | | | | |
| 24 | FPGA board(with serial cable) | 5 days | April 24 | April 29 | Dicle,Gökhan | 100 |
| Serial port interface on PC for image and event data transfer to | | | | | | |
| FPGA board(with bluetooth, via | | | | | | |
| 25 | omiting out the serial cable) | 10 days | April 24 | May.04 | Dicle,Gökhan | 100 |
| First development snapshot | | | | | | |
| 26 | demonstration | 1 day | March 18 | March 18 | All Members | 100 |
| First Release and test | | | | | | |
| 27 | specifications | 1 day | May 6 | May 6 | All Members | 100 |

Testing

| | | | | | | |
|-------------------------------|-------------------------------|--------|----------|----------|-----------------|-----|
| 28 | Admin Image Send Unit Testing | 1 day | May.14 | May.15 | Gökhan, Dicle | 100 |
| Admin Configuration and Event | | | | | | |
| 29 | Data Send Unit Testing | 2 days | May.15 | May.17 | Gokhan, Dicle | 100 |
| 30 | VGA Display Unit Testing | 1 day | April 30 | April 30 | Mechmet, Ebru | 100 |
| 31 | Broadcast Unit Testing | 1 day | May.21 | May.22 | Mechmet, Ruslan | 100 |
| 32 | System Integration Testing | 2 days | May.21 | May.23 | All Members | 70 |
| 33 | Whole System Testing | 2 days | May.23 | May,25 | All Members | 40 |
| 34 | Presentation Preperation | 3 days | May 28 | June 1 | All Members | 100 |
| 35 | Help/ User Manual preperation | 2 days | June 7 | June 9 | All Members | 100 |
| 36 | Final Demonstration | 1 day | June 11 | June 11 | All Members | 0 |