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**DigArt****DIGITAL CIRCUIT SIMULATOR PROJECT****Weekly Report 2****Number of Pages****Doc****Appendixes**

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## 1. WHAT WE HAVE DONE

Finally we agreed on the programming language –that is Java-,the editor will probably be Eclipse.This week we have also discussed on which features to add and came up with five different possibilities :

- 1-XML support
- 2-Script Support
- 3-Converting the circuit to real life conditions
- 4-Diglog Compatibility
- 5-Otomatic layout

For the time being we have given the priority to Script Support,XML support and broadcast support.We will consider the other two features next and our priorities may be changed.

### 1.1. HALİT DEVELİOĞLU

### 1.2. ELİF SAYGI

### 1.3. SERHAT KOYULMUŞ

### 1.4. ŞENİZ SÖZER

After deciding our feature enhancements,I tried to find a program that offers script support and searched “macromedia flash”.The script window allows the user to do all the animations or the actions of the objects (instances) that the programmer can do without scripting. We can call the object’s onclick() method in the script.I also thought about how the script support will be beneficial for the simulator and came up with the idea that the user may define a circuit module instead of drawing and use it within the rest of the circuit or the user may use all the instances and call their methods.Actually the script support option is not very clear for us and this week we will try to clarify it.How to do it is another concern for us but for this time we have focused on what to do.

### 1.5. VOLKAN İÇEL

Eclipse editörünü inceledim.