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| Software Compis Company |  |

Compiler System (v1.0)

Week 1 Integers (First demo, April 9th, 6 weeks)

***Work breakdown (v1.0)***

***Road Map (v1.0)***

# Compiler System

### API REST

#### System Analysis

##### BPMN 1 day

##### Sequence diagrams 1 day

##### Use case diagrams 1 day

#### Design

##### Backend 3 days

##### Frontend 3 days

#### Making

##### Backend 10 days

1. Inst Selection
2. Inst Scehduling
3. Reg Allocation

##### Frontend 10 days

1. Scanner
2. Parser
3. Elaboration

#### Tests

##### lexer\_module 1 day

##### parser\_module 1 day

##### code\_generator 2 days

##### linker\_module 1 day

#### Implementation (Delivery)

##### Presentation 1 day