**Mind Blaster Timeline**

**ENG EC327 Fall 2017**

This timeline includes the themes and milestones of the 14 group meetings of our team.

Every description begins with the general milestones, and then continues with three most important section - namely, the database, the interface, and the backend code.

Meeting 1(11/12/2017):

-First general meeting

-Coming up with ideas about Android Project

Meeting 2(11/15/2017):

-Deciding the project theme

Meeting 3(11/17/2017):

-Setting up Android studio

-Deciding the project roles

Meeting 4 (11/19/2017):

-Making of the first Hello World app

-Further familiarizing with Android studio

-Changing the project theme

-Beginning of the actual coding

**Interface:**

-Familiarizing with the concepts of an activity and layout

Meeting 5 (11/20/2017):

**Interface:**

-Making the decision about the general appearance of the app

**Backend:**

-Determining the program flow scheme

Meeting 6 (11/27/2017):

**Database:**

-Thinking out the overall database structure

-Familiarizing with SQL and Room Persistence Library

**Interface:**

-First homescreen design

**Backend:**

-Learning about Data Access Objects

Meeting 7 (11/29/2017):

**Database:**

-Familiarizing with JSON

-Beginning of the concrete database implementation

**Backend:**

**-** Added listeners to buttons and determined their function

Meeting 8 (12/03/2017):

**Database:**

-Decision to add images to every puzzle

-Making appropriate changes to the database structure

-Finalizing the preliminary database implementation

**Interface:**

-Changing the homescreen design

**Backend:**

-Creation of the logic behind the answer checking

Meeting 9 (12/04/2017):

**Database:**

-Testing a sample 4-element database

**Interface:**

-First run of the question activity without images

**Backend:**

-Finalizing the data access layer

-Finalizing DataProcess

Meeting 10 (12/05/2017):

**Database:**

-Second successful test of the sample database, first run with images

**Interface:**

-Testing of the question activity with images

**Backend:**

-User’s score implementation

Meeting 11 (12/07/2017):

**Database:**

-Filling the complete database with puzzles (1)

**Interface:**

-Integration of the activities

Meeting 12 (12/08/2017):

**Database:**

-Filling the complete database with puzzles (2)

**Interface:**

-Adding a scrolling capability to the question activity

Meeting 13 (12/09/2017):

**Database:**

-Successful testing of the expanded database

**Interface:**

-Finalizing the interface design and testing it

**Backend:**

-Backend final testing

Meeting 14 (12/10/2017):

-Performing the final tests on an actual phone

-Shooting the video