Design

Prototype of the application

Settings

School Name / Number

Grade Number / Letter

Major

Ok

Home View

Now "Some Lesson" is going

Teacher: Some Teacher

Room: Some Room

Ends in: 45 minutes

Next lesson is: Some Lesson

Previous Lesson was: Some Lesson

Week View

Monday

1. Math 21

2. History 35

3. ...

Tusday

1. English 21

2. Physics 21

3. ...

Wednesday

1. TOK 33

2. TOK 33

3. ...
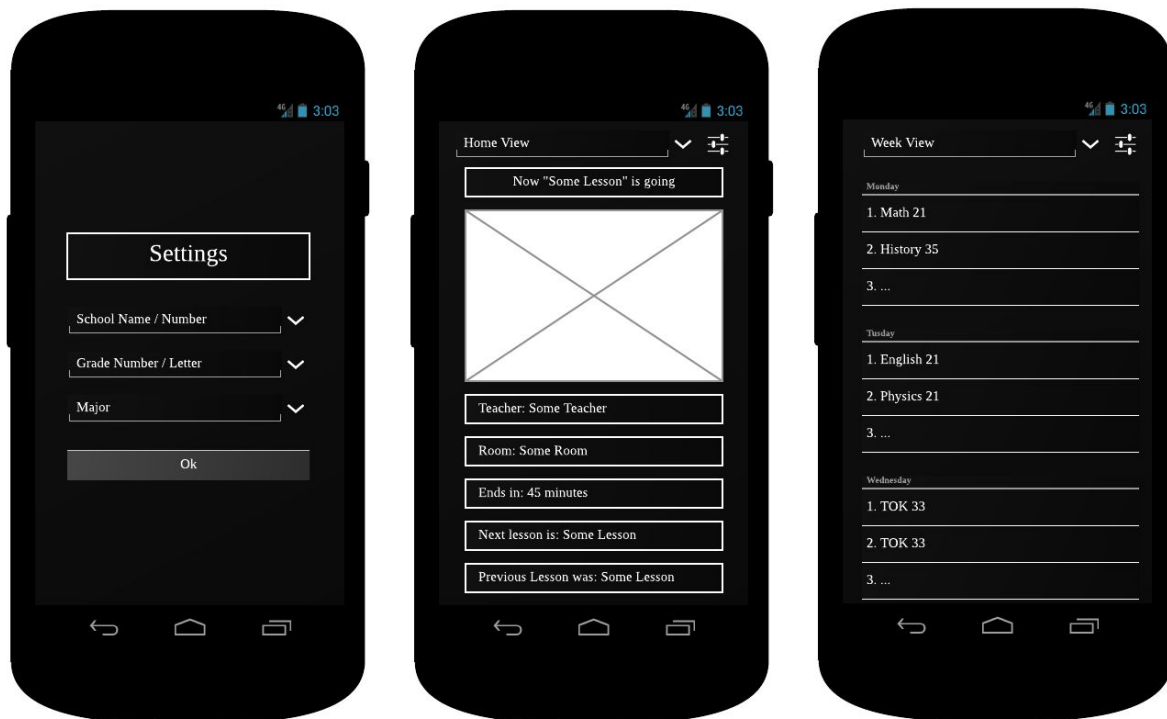
Dataflow diagram
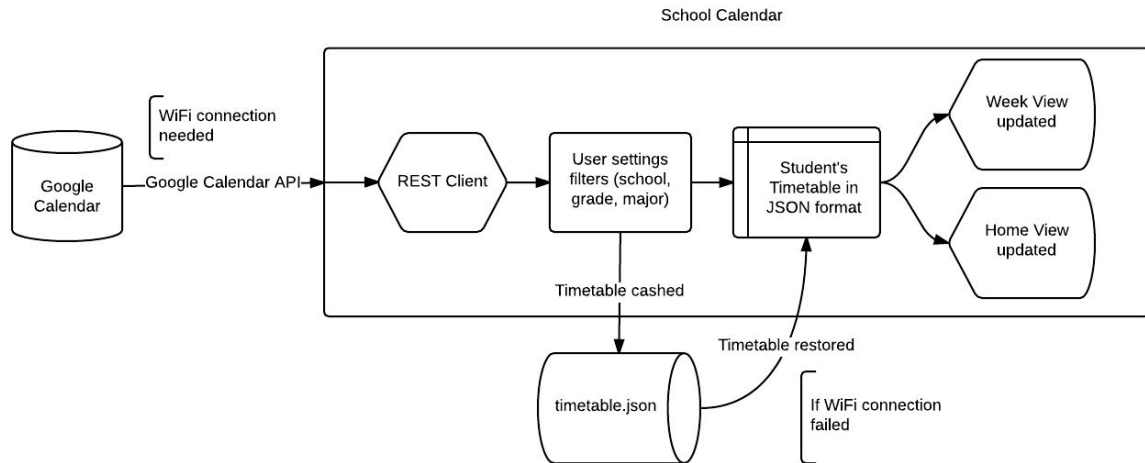
Development tool SWOT Analysis

Rad Studio XE7 SWOT Analysis

Internal

Positive

S — Strengths

- Supports development for different os
- Great variety of components and structures
- Supports user styles
- Uses simple and understandable language (pascal)

W — Weaknesses

- Is not an official android development tool
- Android simulator is freezing every time (so own device needed)
- There are no internal components supporting Google API

Negative

O — Opportunities

- Rapidly developing studio (bugs are corrected fast and new additions comes in a half of a year)
- There are a lot of forums discussing problems and helping solving them for this studio
- Studio can import external components and lots of people develop them for free for this studio

T — Threats

- Studio can stop supporting Android, cause it is not their main field

External