Hey Guys,

last week, we told you about our project idea, our team and our vision. This week we did work on our project setup. We installed node.js, WebStorm and YouTrack, so we can start working. We also started to exchange our impressions with the other project from our class. It became obvious, that we will have to split our idea into smaller subsystems. In this blog post, we want to describe the subsystems we identified.

* Basic Web Application
  + Goal: Build a running website that provides our basic application.
  + Part 1: Setup a server.
  + Part 2: Provide a database for the user data.
  + Part 3: Design the application layout.
  + Part 4: Design deployment mechanism.
* Location Pages
  + Goal: Allow subpages for individual locations / events. One page should contain all the relevant data (address, date, map, etc.) on one location.
  + Part 1: Provide subpage skeleton and data structure for a single location.
  + Part 2: Implement page design form.
  + Part 3: Link pages.
  + Part 4: Add navigation between pages.
  + Part 5: Implement media support.
* Vacation Info
  + Goal: Allow general information for the whole vacation and statistics. I.e. your flight schedule, your budget, etc.
  + Part 1: Design data structure.
  + Part 2: Design overview subpage.
  + Part 3: Implement interface for usage of the data on other subpages.
  + Part 4: Implement statics feature (km travelled, € spent).
* Travel Blog
  + Goal: Allow redesign of location subpages into a travel blog. The individual location pages will look like a travel blog (pictures, videos, text, …).
  + Part 1: Implement blog page design.
  + Part 2: Implement a blog mode, which shows the blog subpages instead of the location pages with travel plans.
  + Part 3: Allow videos insertion.
* Share
  + Goal: Allow other users to use the travel plan as a layout for their own travel. The System will create the subpages and the vacation info based on the other project.
  + Part 1: Design Data Interface.
  + Part 2: Implement Export / Import;
  + Part 3: Design and Implement selective data transfer (Which data from the other travel plan do I want to use?).
  + Part 4: Design hidden and public setting (plan can only be copied with an invitation or by everyone).
* Multiple Users (idea based on blog comment by Christian)
  + Goal: Provide different users and change tracking. This feature should make planning with multiple persons easier.
  + Part 1: Design and implement user administration.
  + Part 2: Implement chat and tasks, which can be assigned to users.
  + Part 3: Implement change log.
  + Part 4: Implement calendar synchronization.
  + Part 5: Implement synchronous change (very optional).

These are the subsystems that we want to use, to break down our big application. We know that we have a lot of features and we probably won’t implement everything right away. But we want to show all the possible features of our application. What do you think about our segmentation? Please tell us in the comment section. We will make sure, that we will integrate your input into our project.

Our application has only few external dependencies. We want to create a standalone application, so we are only dependent on our hardware and the frameworks / the software we use to build our application.

Our lead developer has also designed a loge for our app. You can see it next to this blog entry. We love it. What do think about it? Tell us in the comments.

We would be pleased if you continue to follow our journey and test our Application.

