Hey Guys,

last week, at the fifth of October, we built Teams to realize an agile project in our course "Software Engineering I" at DHBW Karlsruhe. This is the blog of Team 7. We will build an Application called “Perfect Time – plan your trip”. We want to invite you to join us on our journey from the draw board to the finished software. This blog entry will give you insights into our first project meeting.

At first, we brainstormed the project. What would be an innovative idea for a cool new Application? We considered several topics, including event planning support and e-learning software. But in the end, we decided to solve a problem that we all shared: Planning the next holiday trip.

This problem is probably known to most of mankind. Before you start traveling you want to plan which locations you want to visit, what you want to pack and what activities you want to participate in. So, you start searching on the Web. You use TripAdvisor, Google Places and travel blogs. You start watching YouTube videos, reading travel guides and making notes on everything. Then in the next step you start organizing the material and planning your timetable. But there is another problem: Which software should you use? There are only a few software solutions available in the market. You would probably go with a more generic solution, such as OneNote.

With our software this challenge should become way easier. Our vision is to create an Application that allows you to plan your trip by setting different locations or stages. You will also be able to insert generic data for the whole vacation. After your holiday you can add a blog in the App using the already available data from planning your trip. Afterwards you can publish your trip and share it with your friends. They can use your plan as an outline for their own trip by simply importing your published data.

After having decided which problem our Application will solve, we thought about how our project should look like. Should it be a Smartphone, a Web or a Desktop app?

Based on the assumption that most people will plan their trip on a PC and not on a Smartphone, we decided to build a Web App. Besides the obvious fact that it is online, it also provides the clarity of a desktop App. We will use the React-Framework to build our Application. This will help to create a modern UI while using an MVC-Architecture.

We will use Scrum to organize our Project and since this is our first blog entry, we would like to introduce the team.

Product Owner: Tim, our data expert and passionate firefighter. He remains calm even under the highest pressure and he will keep our data safe.

Scrum Master: Lea, our power woman and organization talent. She will keep all of us in line and the process running smoothly.

Leading Developer: Lukas, our UI-expert and a handball enthusiast. He will make our application look good and inspire us all with his effort.

Leading Tester: Jan, former business-major and our documentation specialist. He will make sure our product meets its requirements and runs smoothly.

We would be pleased if you would follow our journey and test our Application. You can also look at our code, which we keep in a public Git Repository. It can be found at GitHub (https://github.com/Tallround3r/PerfectTime).