EuroTeQ Collider 2024

Challenge

New Work – New Teams – New Tools

Category
Technology

Focus
Entrepreneurship

The term "New Work" encompasses a wide range of changes in the work life of many people. Be it working remotely, more flexible working time, more flexible working hours and many more. We often describe those changes from the perspective of one individual, meaning our personal perspective. In our work however we are typically not only acting as an individual but are working together with a team of colleagues on an almost daily basis.

Problem definition
This means we essentially also get "New Teams" that no longer consist of mainly full-time workers from one location. Teams are often distributed over different time zones and countries and include full and part time workers as well as early birds and night owls. We believe that to achieve good team efficiency with all this diversity it is even more important than before to also build some commonality in teams consisting of shared time, shared understanding and shared experiences. More specifically this could mean daily standup meetings, common planning meetings, Face-to Face gatherings or remote celebrations of special occasions.

Description
The topic of this challenge is to implement a simple „New Tool" that could help in solving one or more of the following key team building questions. For this the tool should not rely on individual team members calendars' both because those are not available when planning a new team and because they contain personal data that could complicate sharing. Instead, the tool should rely on public data sources and company wide information and pre-configuration.

Key questions
- Knowing and optimizing common working time
- Enabling 24/7 availability while minimizing undesired working hours
- Team capacity predictions for specific weeks or months
- Travel cost and CO2 impact predictions for Face-to-Face gatherings
- Easy selection of locations and times for Face-to-Face gatherings
- Enhancing team wide awareness of relevant public holidays and cultural celebrations

Links
https://www.pixida.com/

Skills
- Software development skills to develop a tool for everyday users from data bank connections, processing and visualization
- Experience with or understanding of work in international project teams
- Interest and sensitivity to wide range of legal, cultural and personal work environments

Partner
Pixida is an international group of innovative technology companies offering comprehensive interconnected digital solutions and professional services. The group creates digital value by transforming entire product portfolios utilizing cutting-edge technology, innovative business models, efficient system integration and operation. The international business scope consists of eleven locations in Germany, USA, Brazil, China and Portugal, a multinational team from more than 30 nationalities and a well-established network of specialists and partners.

Relevant Consideration for the Challenge
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