**Tip**

**PESTLE Framework**
Holistic framework to identify all influential trends.

**Key Drivers**
The two Key Drivers are defined by high influence and high uncertainty.

**Scenario Development**
Development of 4 future scenarios by assessing the extremes of the key drivers by means of a matrix.

**Gardner Hype Cycle**
Provides information about relevant trends in technology and their time of market entry.

**Hackernews**
News curated by the Silicon Valley Tech Community, highly up-to-date and with high tech-focus.

**WIRED**
The Playboy in Tech News: Technology explained visually and textually appealing.

**Interesting Engineering**
An overview of worldwide tech, design and science news.

**TechCrunch**
Tech news explained simply and from a business point of view. The Daily Crunch Report is highly recommended!

**Feedly.com**
Tool for adding news channels, blogs and other RSS feeds to a personalized news page. Great for getting an overview of the most important news of the day.

**The Lean Startup** by Eric Ries
Having read this book one understands the relevance of iterative approaches and user-centered development.

**Design Thinking**
Developed at Stanford, Design Thinking stands out through its user-centered design approach.

**Google Venture Sprint**
Difficult product decisions are made test-based within 5 days.

**GE FastWorks**
A program mainly for complex and not necessarily digital products, developed by GE.

**Tip**

**Fundamental rule of creativity**
Especially at the beginning it's all about: NO JUDGEMENT. Even from higher-ranked employees.

**Ideation**

**Trend Analysis**
Keep it simple. For a first verification of the software a visual click-dummy is totally enough.

**Pop-App**
Draw the desired frames on a sheet of paper, take pictures of them with your phone and you have your first click-dummy.

**PowerPoint**
Create a realistic click-dummy with pictures and buttons and export to PDF.

**InVision/Balsamiq**
More professional tools for creating simple software prototypes even without knowing how to code.

**Electrical:**
For more information about the development of prototypes with Arduino, Raspberry Pi and co. check out our next Cheat Sheet about Embedded Systems.

**Mechanical:**
Ultimaker
MicroRax
AutoDesk Fusion 360
Keep it simple. Also applicable for hardware: at the beginning it's better to build a quick prototype instead of wasting a long time on development.