The main objective of this project was to create a framework for holistic ideation and research about the technical issues involved in creating a holistic approach. In previous research, logical ideation methods were explored, ideation states were indentified, and new ideation blocks with strategies were found. As a subsequent study, in this research, intuitive methods and their strategies were investigated and characterized, framework to organize components of ideation (both logical and intuitive) was found and modified, and different ideation methods were implemented based on the framework. One of the major contributions of this research is the method by which information traversal between different ideation methods with different components were facilitated, to support both creativity and functional quality. Another important part of the research is that an appropriate framework to organize ideation methods is found and framed to be the platform of the ideation tools. Some of the ideation strategies embedded in the holistic test bed are reframing, restructuring, provocative stimuli, random connection, force connection and analogical reasoning. This framework will also be used as a research tool to collect large amount of data from designers about their choice of ideation strategies used, and their effectiveness.