How can experts from the crowd support knowledge creation and how can we accelerate this process?

Knowledge Creation Acceleration
Use case: Collaborative Q&A

Task modeling
• Model knowledge need
• Identify subsets for a knowledge need

Crowd modeling
• Model topical properties like interest and expertise
• Model contextual properties like availability and motivation

Knowledge creation
• Support annotator with relevant domain vocabularies
• Route artworks to the right crowd workers

Expert Finding and Engagement
Use case: Enterprise Gamification

Analyze the nature and extent of the corporate information that can be explicitly or implicitly observed from on-line social networks

Identify hard and soft skills to support expert finding and task allocation

Understand impact of personality traits on usage of IT infrastructure

Employ game elements to support user engagement, drive social behavior, and improve IT tools usage