

The complex task cases tested by our framework

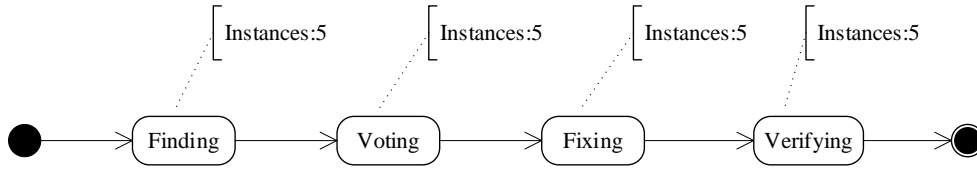
## 1 Complex tasks

We have studied some complex tasks using our approach, which are listed in Table 1.

Table 1. The list of complex task case

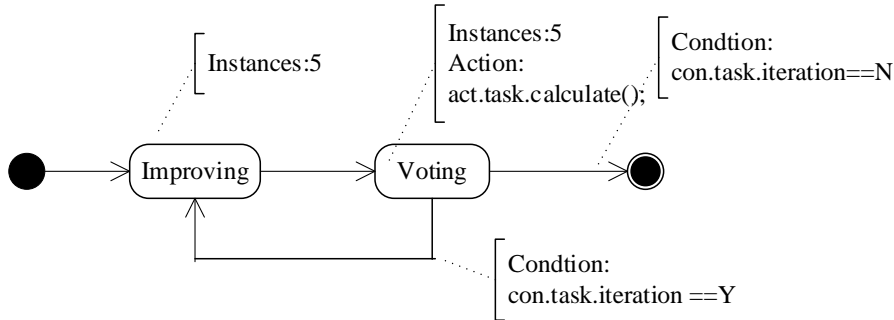
Case	Source	Characteristic
text editing	Soylent (Michael et al., 2015)	a static sequential workflow
text identification	TurKit (Little et al., 2009)	a static iterative workflow
pattern mining	Crowdcomputer (Tranquillini et al., 2015)	a static parallel workflow
story writing	Mechanical Novel (Kim et al., 2017)	a dynamic iterative workflow
information extracting	CrowdSearcher (Bozzon et al., 2015)	a static parallel workflow

Case 1



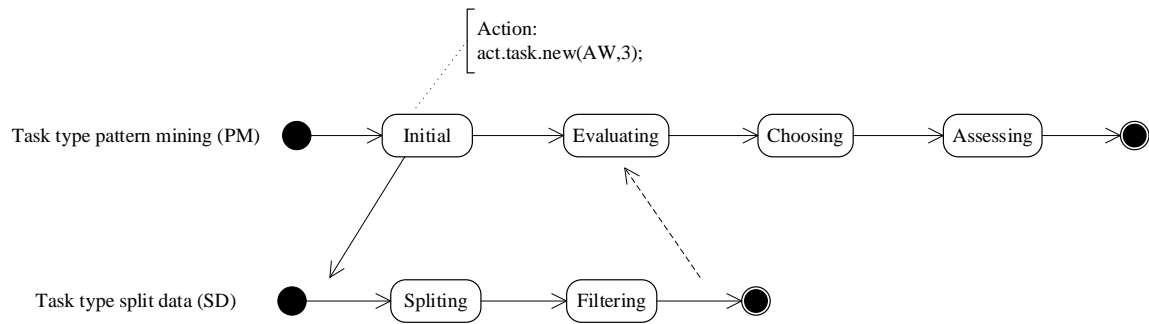
The Find-Fix-Verify pattern in Soylent

Case 2



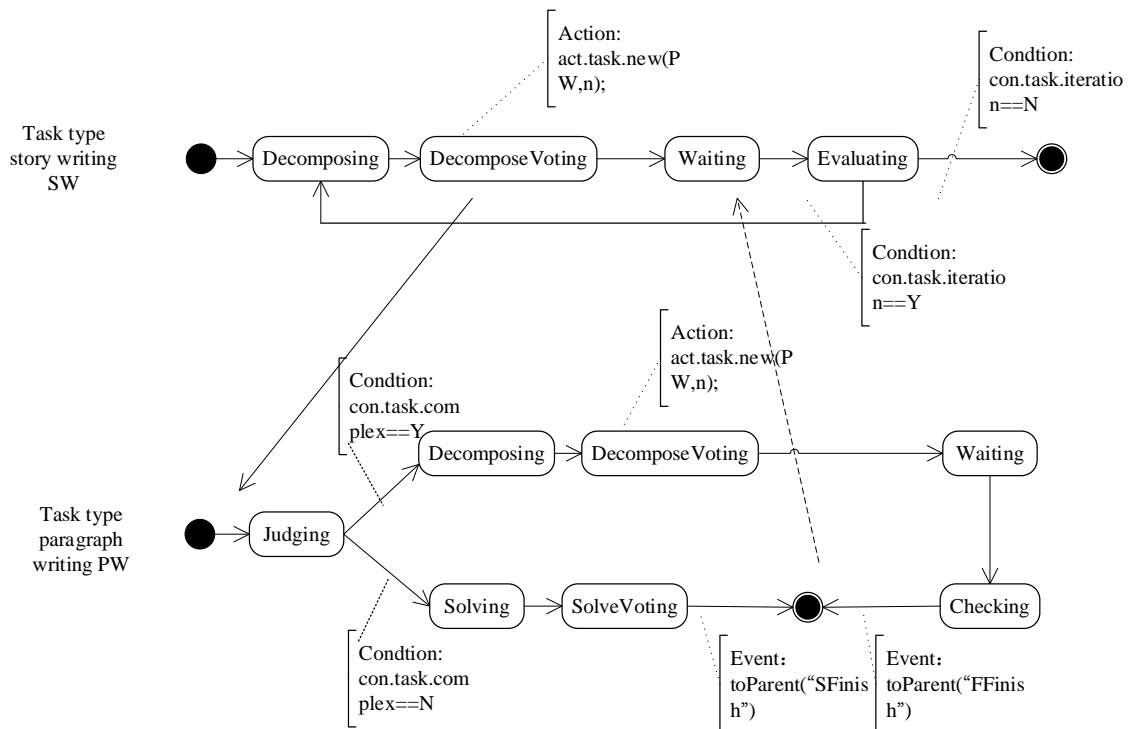
The iterative text improvement in TurKit

### Case 3



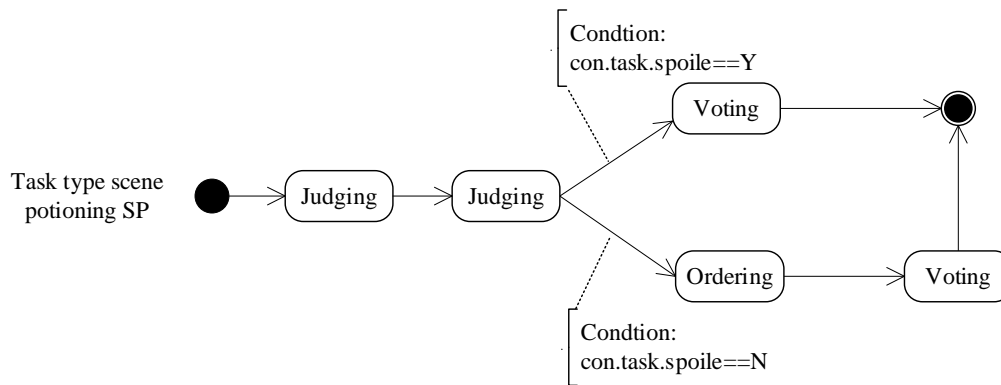
The pattern mining case in CrowdComputer

### Case 4



The story writing case in Mechanical Novel

## Case 5



The Scene Positioning case (extracting information) in CrowdComputer

## 2 References

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- Tranquillini, S., Daniel, F., Kucherbaev, P., and Casati, F. (2015). Modeling, enacting, and integrating custom crowdsourcing processes. *ACM Transactions on the Web (TWEB)*, 9(2), pp.7.