



De-biasing Project-Management Decisions

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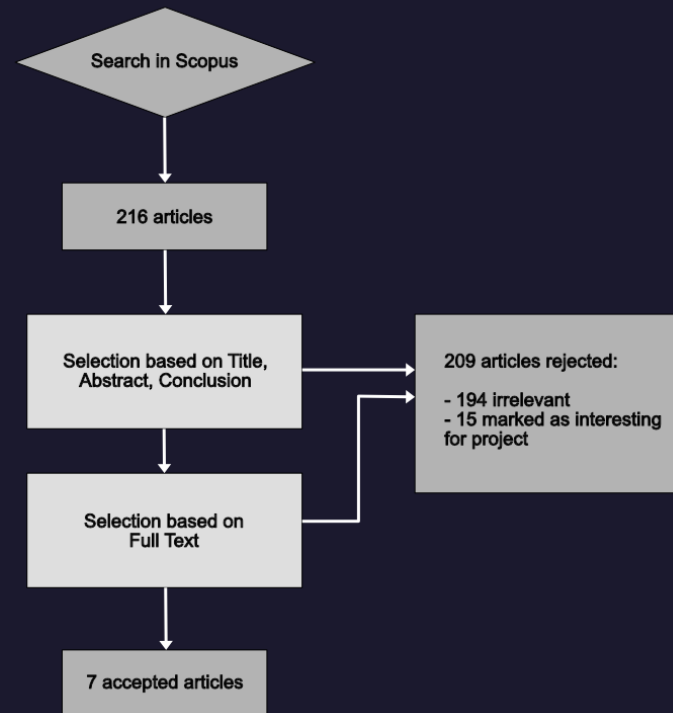


Literature Review

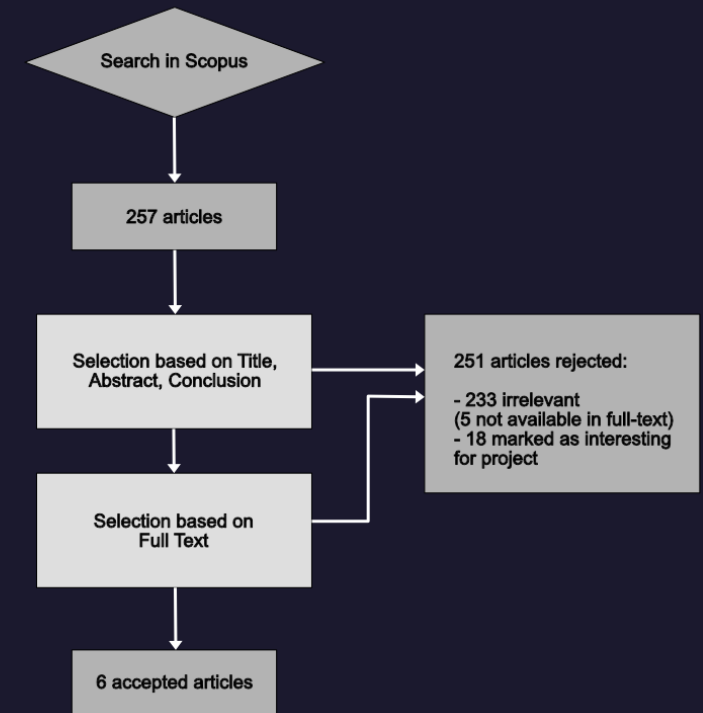
RQ 1) *Which methods or approaches exist, that detect cognitive biases related to risk behaviour and decision making?*

RQ 2) *Are there existing project management tools which integrate a solution to help mitigate such biases or risk-seeking behaviour?*

First Review: Bias Identification



Second Review: PM Applications



Literature Review

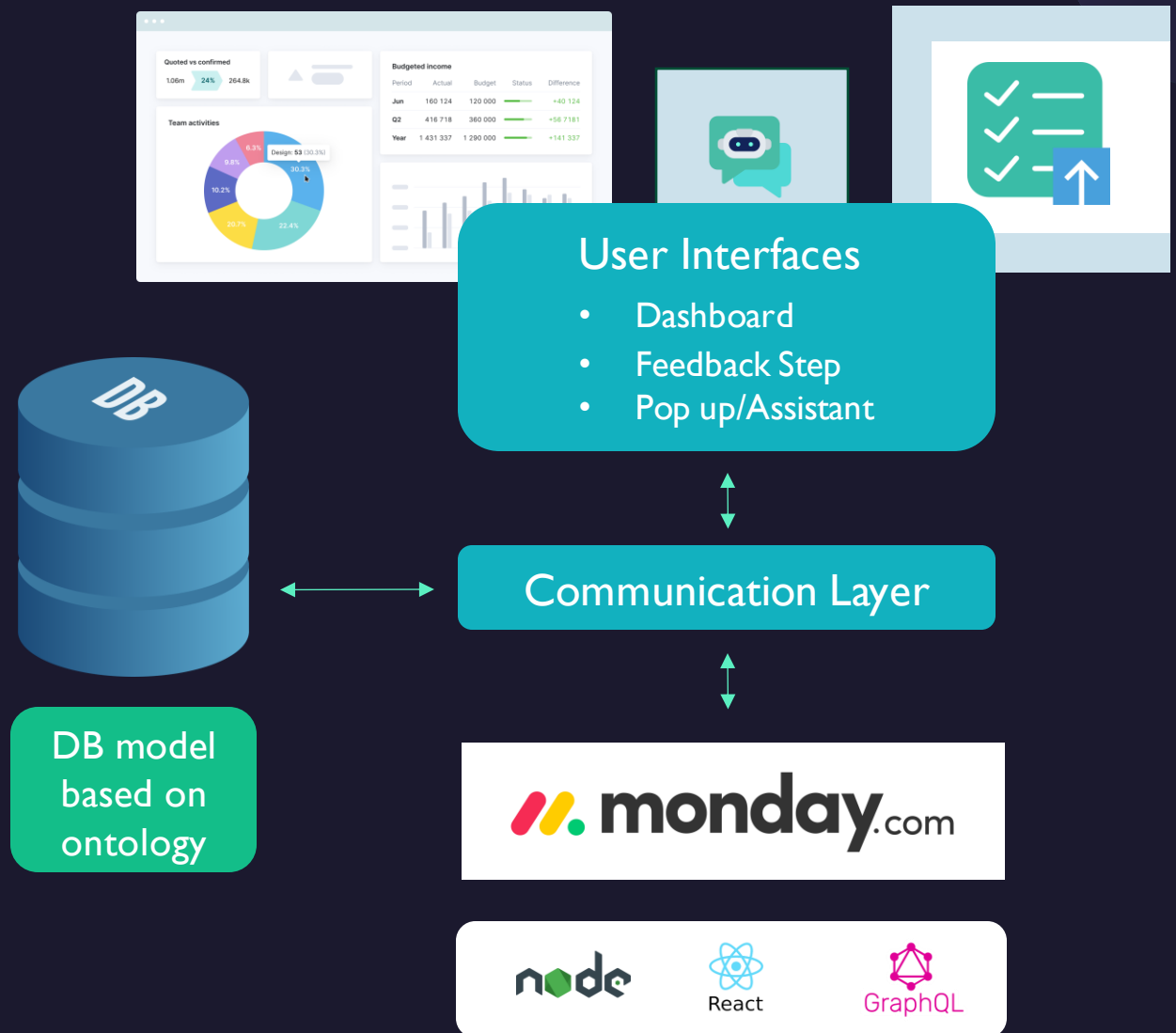
- No general-purpose, fully automated solutions identified
- No existing PM software with such functionality identified
- Approaches either agent-based, mathematical/ML, or highly specialized



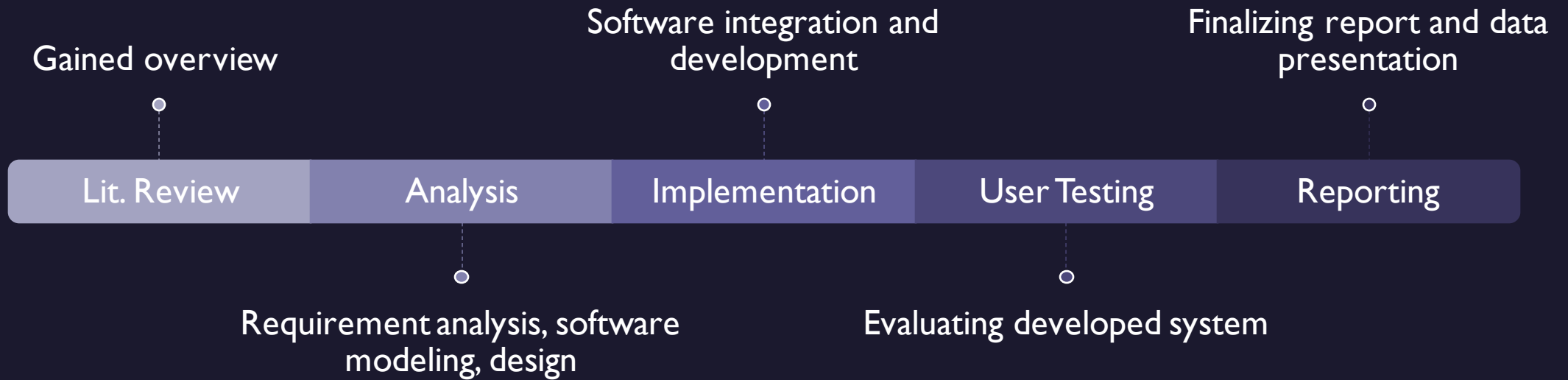
Proposed System

BIAS AWARENESS THROUGH FEEDBACK

- Database component based on risk/bias ontology
- Integration into Monday.com as base-software
- Development of add-ons according to the Monday development guide
 - Node.js for communication
 - React.js for Interface
 - Communication based on GraphQL



Timeline



Questions?

