

Veterinary Diagnosis Expert System for Remote Use

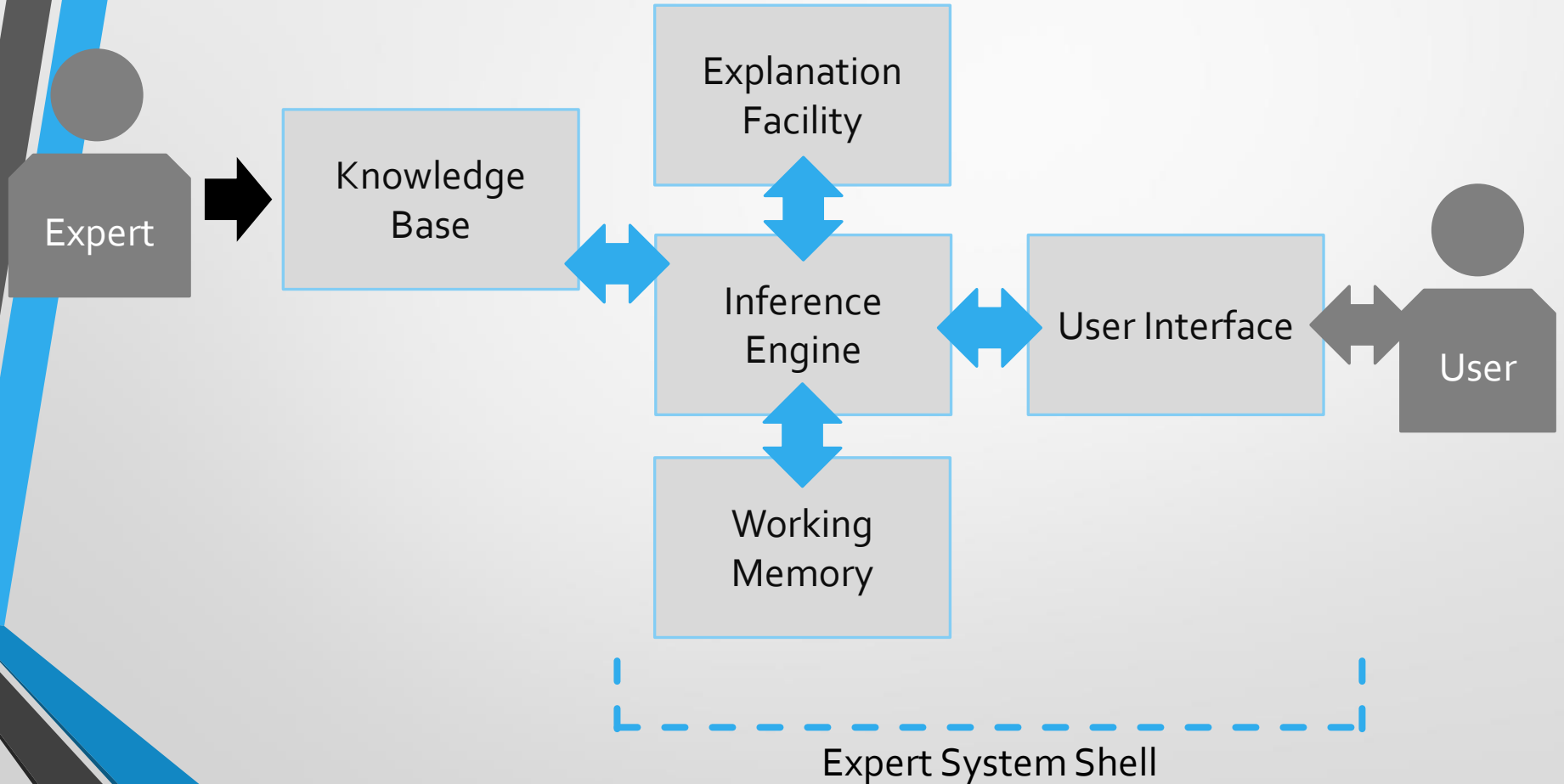
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Overview

- Background to an Expert System
- Possible Implementation Options
- My Expert System
- Approach
- Questions

Components



Possible Implementations

- Expert System Shell
 - Provides some of the components
 - Inference engine, user-interface, working memory
 - Speeds up development
- From Scratch
 - Manually code all aspects of the system
 - Programming languages emphasising logical representation of rules are commonly used
 - Provides greater flexibility

My Expert System

- Veterinary diagnosis
 - Exact scope and area of application to be determined
- Mobile interface
 - Accessible in remote areas
 - Mobile website or application
- Extensions to the System
 - Addition of further knowledge
 - Feedback taken into account by system

Approach

- Evaluate implementation options
- Develop prototype system using chosen tools
- Meet with experts and develop the rules for the knowledge base
- Implement full system
 - Frequent testing of rules and decisions made
- Develop mobile user interface

Questions

