



Study-Buddy

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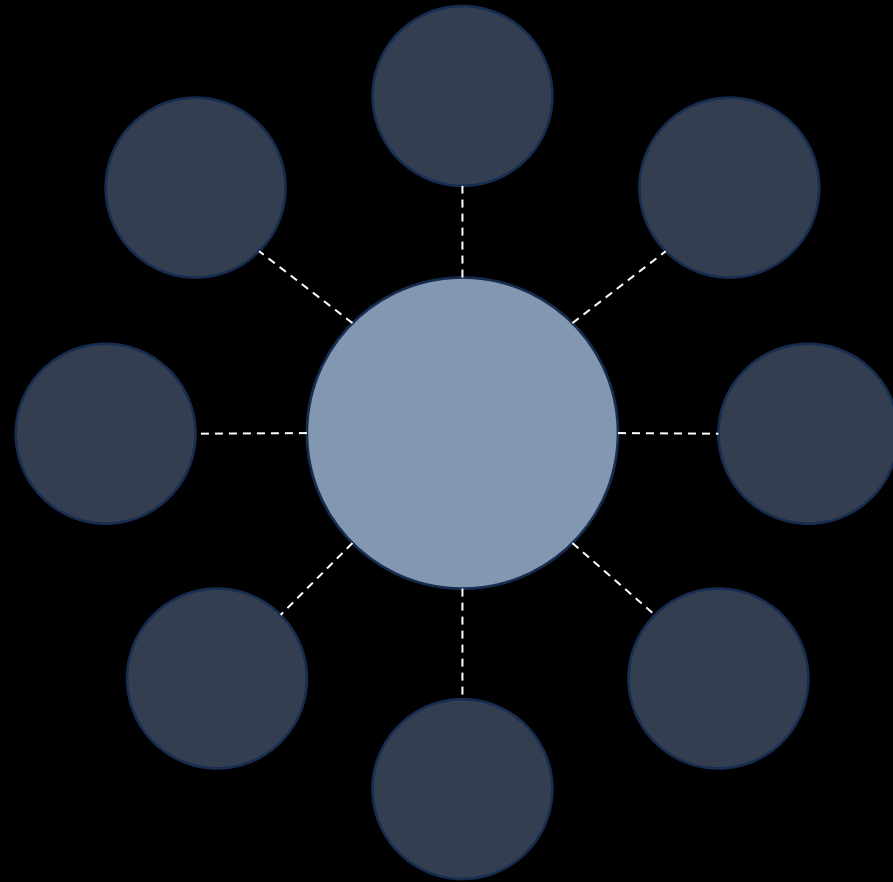
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Sub-systems



Resource Processing

```
graph LR; A((Parse Digital Documents And URL Contents)) --> B((Chunk and Vectorize Contents)); B --> C((View Processed Resources));
```

**Parse Digital
Documents
And
URL Contents**

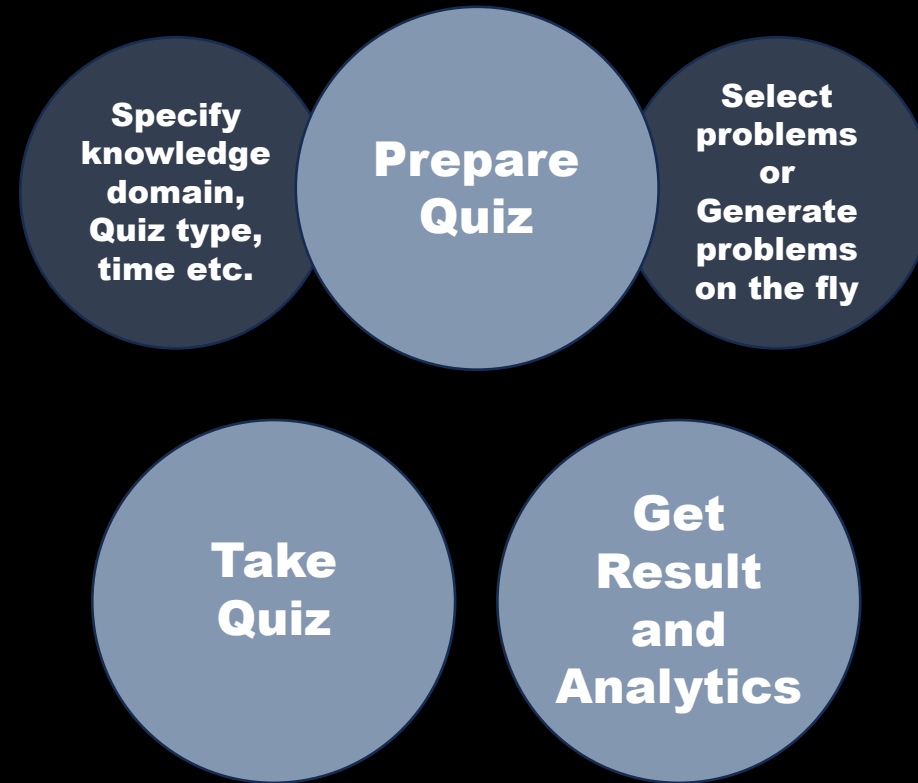
**Chunk
and
Vectorize
Contents**

**View
Processed
Resources**

Content Generation



Quiz Test



Conversational Chatbot

**Explain
Complex
solutions
Iteratively**

**Generate
Educational
Content**

Recommendation

**Recommend
Quiz and
Study
materials**

**Analyzing
peer's
activities and
Student's own
preparation**

**Recommend
Higher
Studies and
Career
Pathways**

Dashboard and Statistics

**View
Personal
Dashboard**

**Browse
Popular
generated
Content
and Quiz**

**View
System
Statistics**