

cronos
e-business integrator

Technical Expertise



ICT Solutions



Exam System Binnenvaart

België

Business Solutions

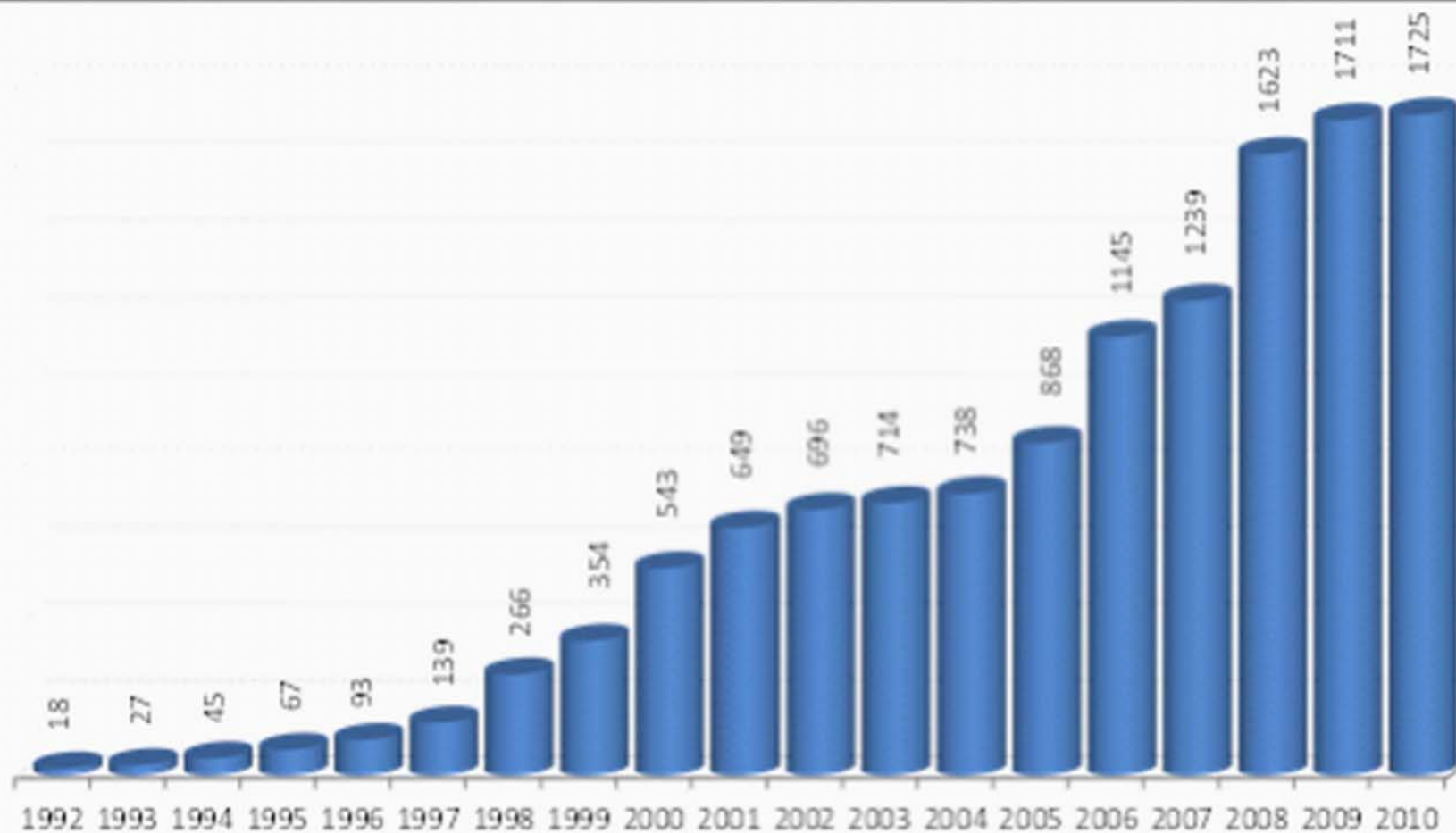


History

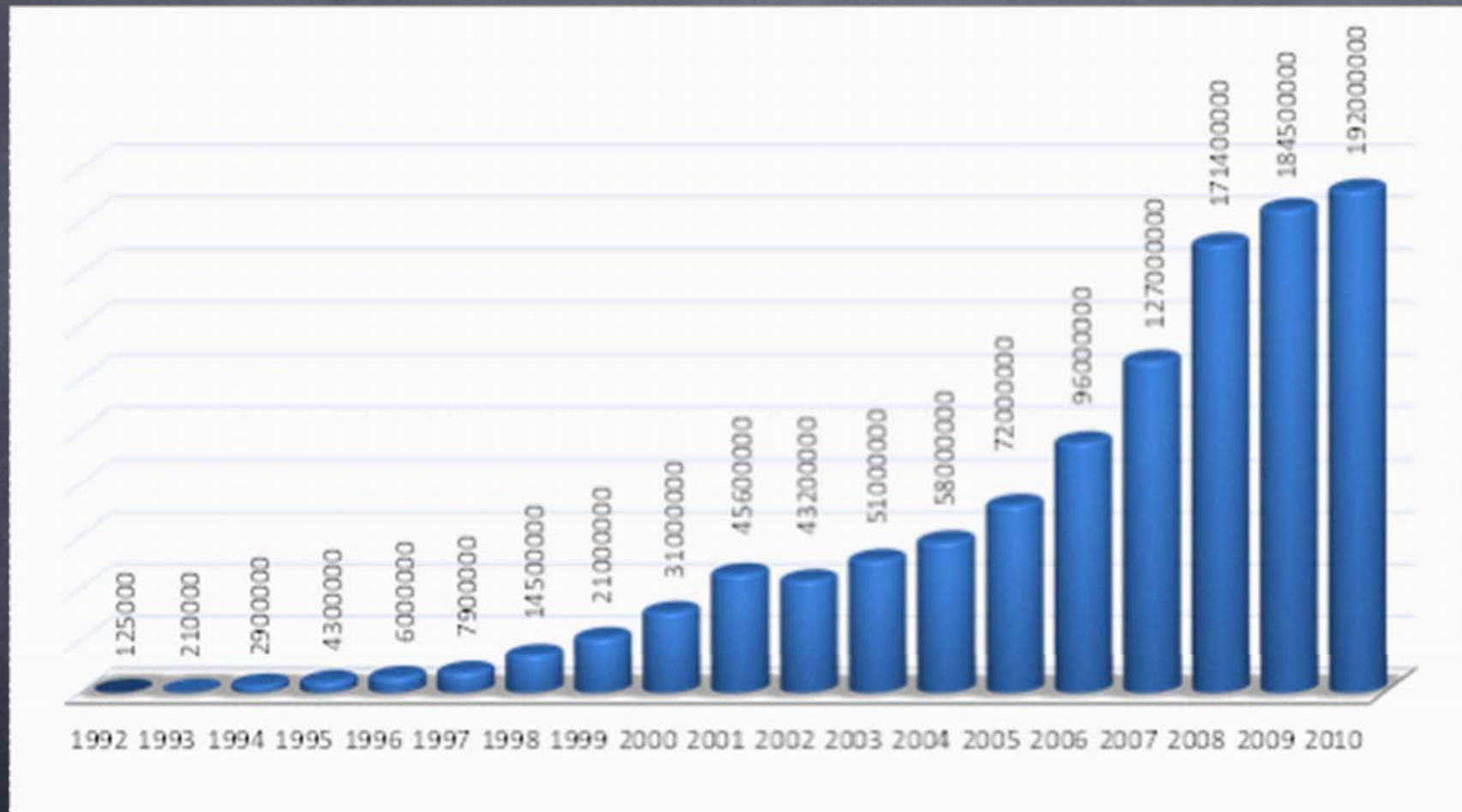


- Started in 1991
 - Long term vision >10 jr.
 - Sharp Focus
 - Various competence centers
- Focus on new technologieën
- Total Solutions
- Benelux
- Private hold Company

Staff until 2010



Turnover until 2010



Cronos Location BNL



Representatives



- Marc Kimpe
 - Development Project leader
 - Marc.kimpe@cronos.be

- Tom Schrijvers,
 - General Project leader
 - Tom.Schrijvers@cronos.be
 - +32 479 29 70 39

Features (Functional)



- ◉ Flexible Exam Structure
- ◉ Multimedia supported (sound, picture, movie)
- ◉ Multi-lingual
- ◉ Roles and responsibilities
 - ◉ Different Roles -> Different Functionality
- ◉ Modular / Expandable
 - ◉ More detail on next sheet
- ◉ Individual exams
 - ◉ Each candidate, different exams composition

Features (General)



- Easy to use
- Short Learning curve
- Web application
- Easy to create new exams
 - example: exam on other river

Features (Non-Functional)



- Access by private network or Web (if provided)
- High Security (Network, Data, Exam pc's)
- Guaranteed response
 - By caching devices at Exam Centra (Antwerp, Liege)
- 99,8% Uptime
 - Highly reliable infrastructure and software solution
- Security of Exam Pc' @ Exam Centra
- By Scripting



Demo Exam

Exam Rijn patent Geograph



Demo Exam Actors / Places



• Dossier Administrator @ Brussels

• Kim Huysmans



• Superintendent @ Antwerp

• Annemarie Van Passel






• Candidate @ Antwerp

• Dirk Kieboom


Demo Exam (Previous to exam)



- Candidate 
 - Requests an Exam Rhine Patent
- Dossier Administrator 
 - Creates a Dossier
 - Checks if Candidate fullfills all necessary conditions (payment, age, experience,)
- Candidate 
 - Gives preferred dates by eMail, phone,...



Demo Exam (Previous to exam)



- Dossier Administrator 
- Creates and plans examsession
 - Spijkse Veer to Düsseldorf
- Sends Invitation to Candidate
 - Includes Unique access token

Demo Exam (Day of exam)



- Candidate 
 - Arrives at Exam Centre @ Antwerp
- Superintendent 
 - Logs on with his credentials
 - Checks Candidates' identity
 - Checks Planning and enables specific exam

Demo Exam (Day of exam)



- Candidate



- Can start Exam with

- After exam candidate

- Superintendent



- No results are commu



Demo Exam (Day after exam)



- Dossier Administrator

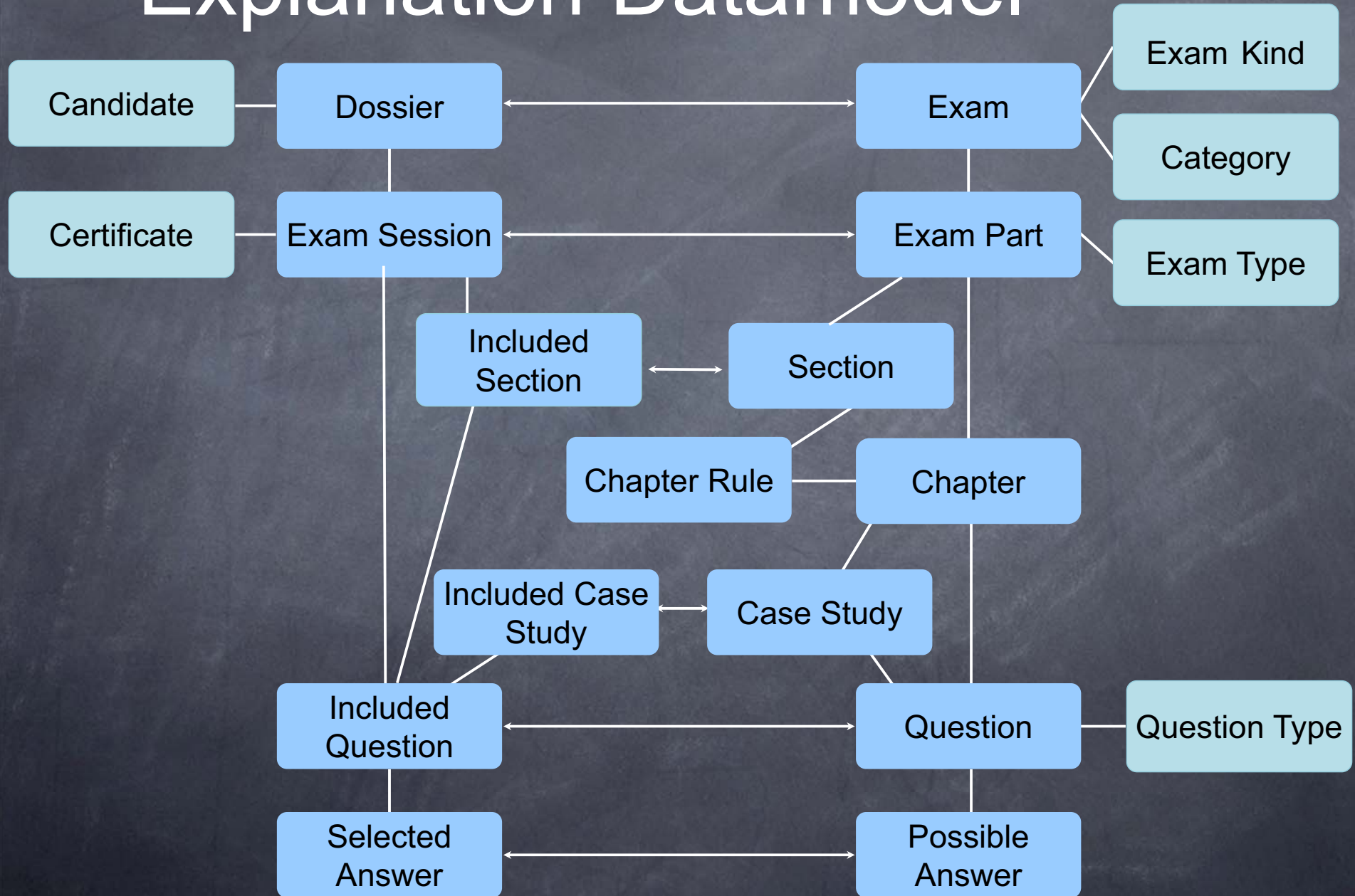


- Starts workflow

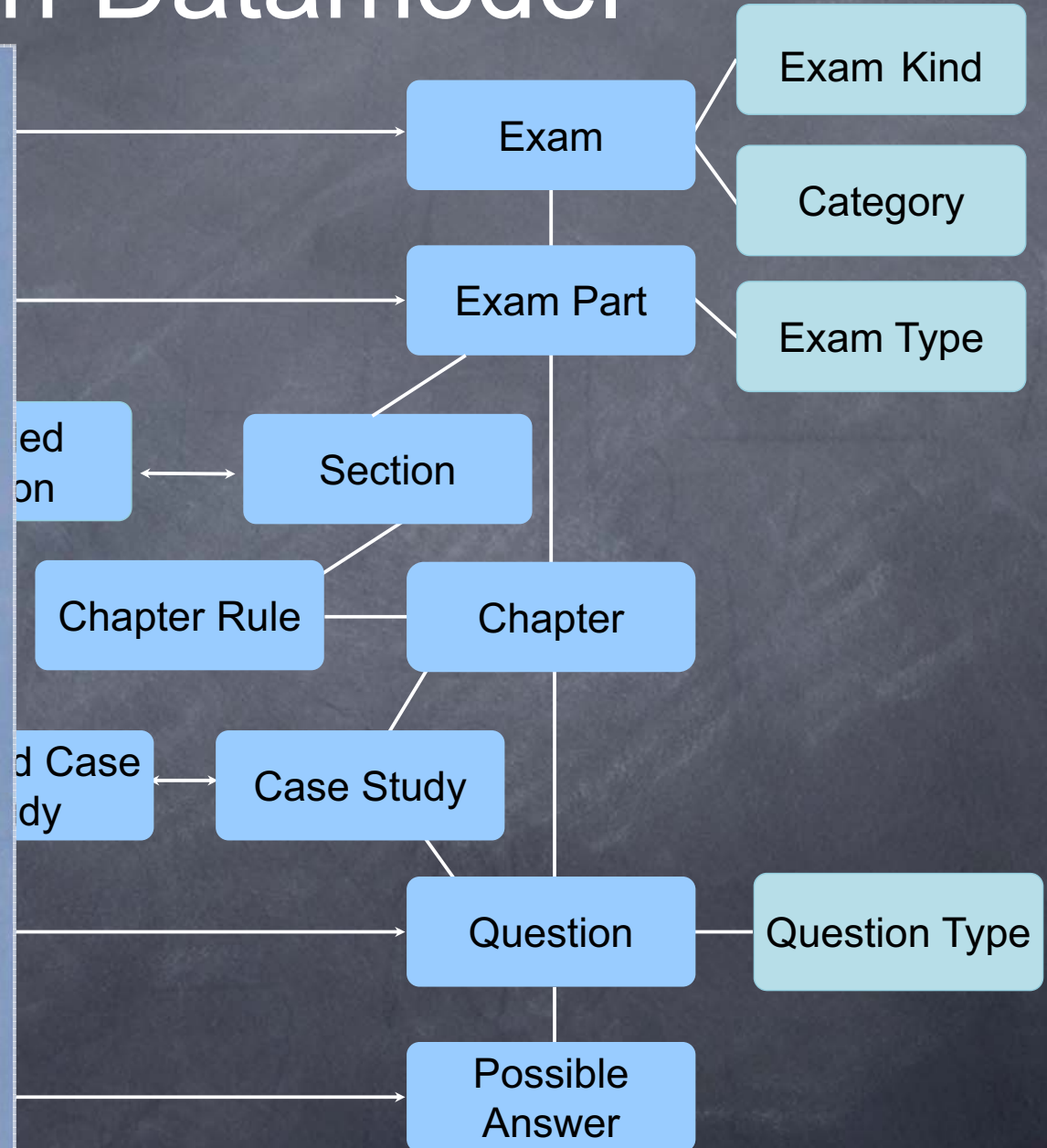
- (To validate, plan,, sending Result letters)

- if Candidate didn't succeed, deliberation is possible

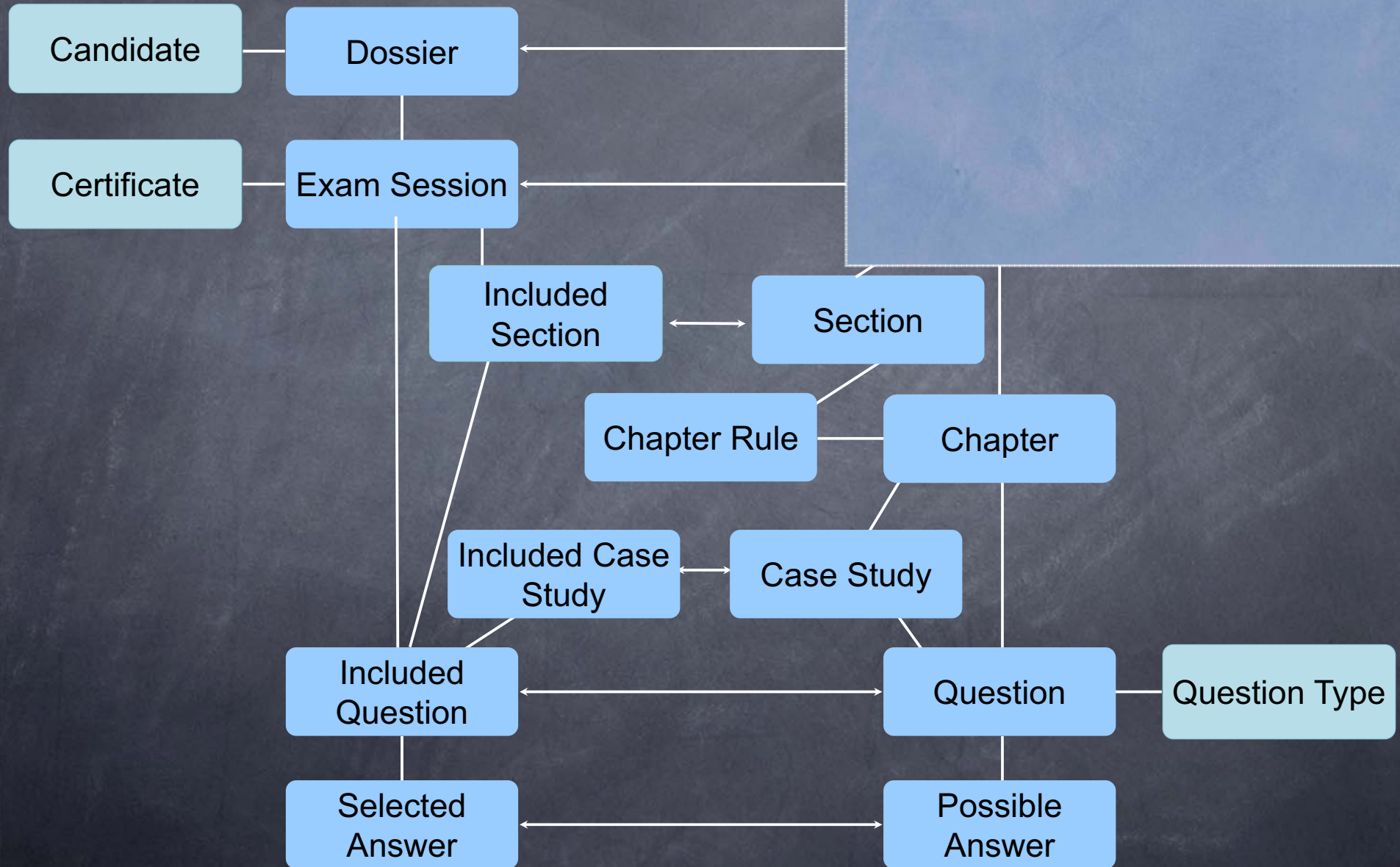
Explanation Datamodel



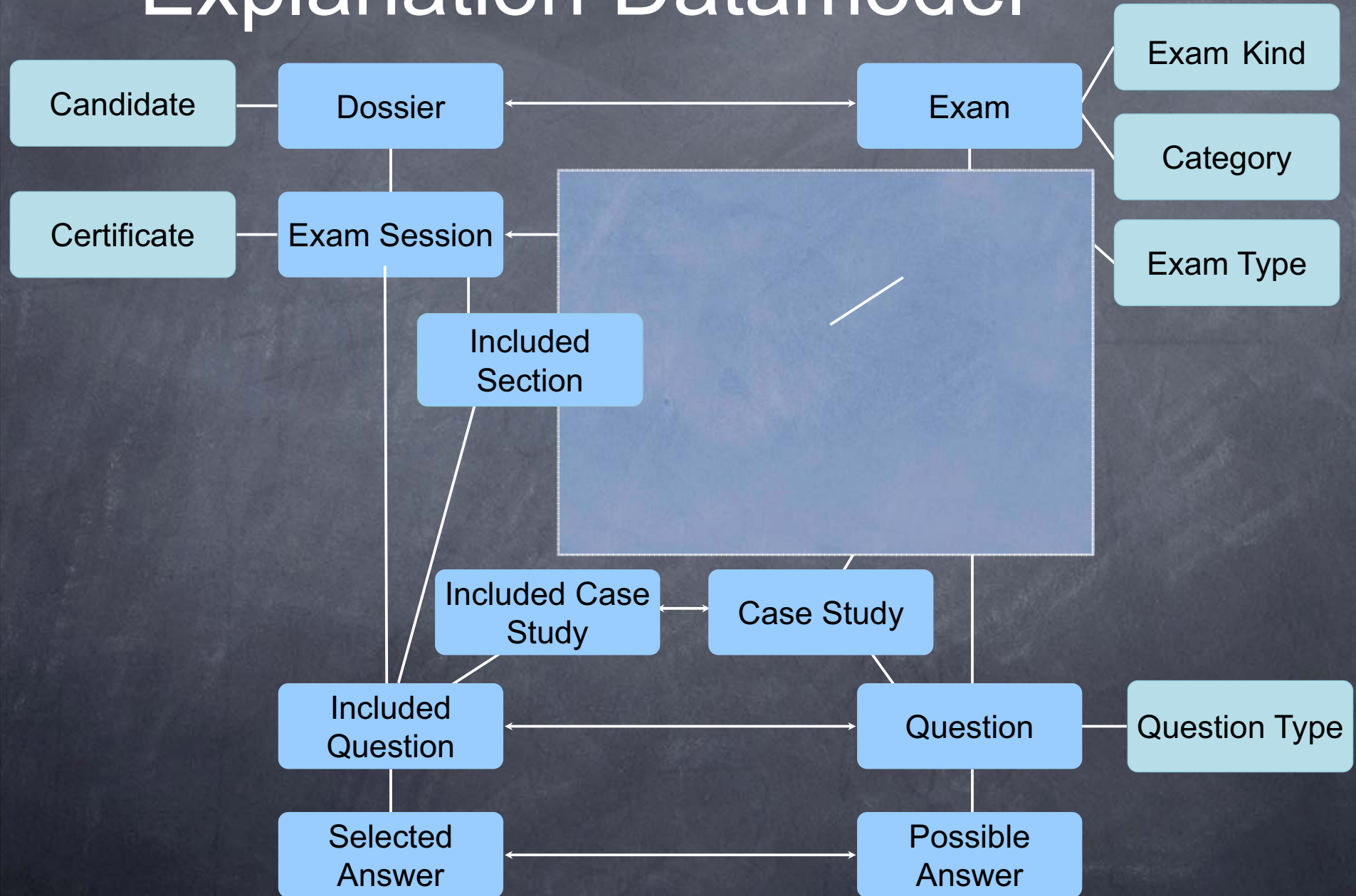
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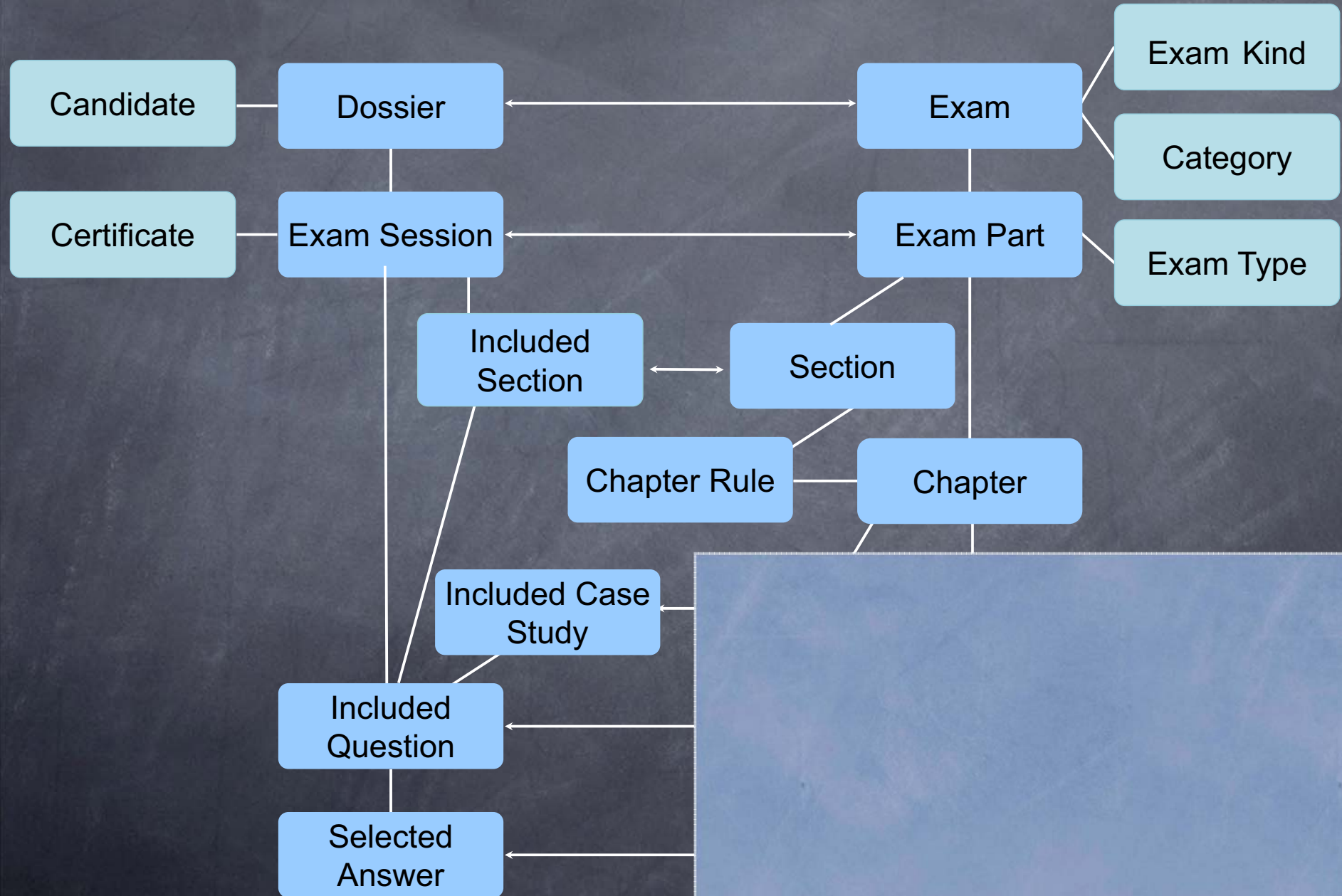


Explanation Datamodel



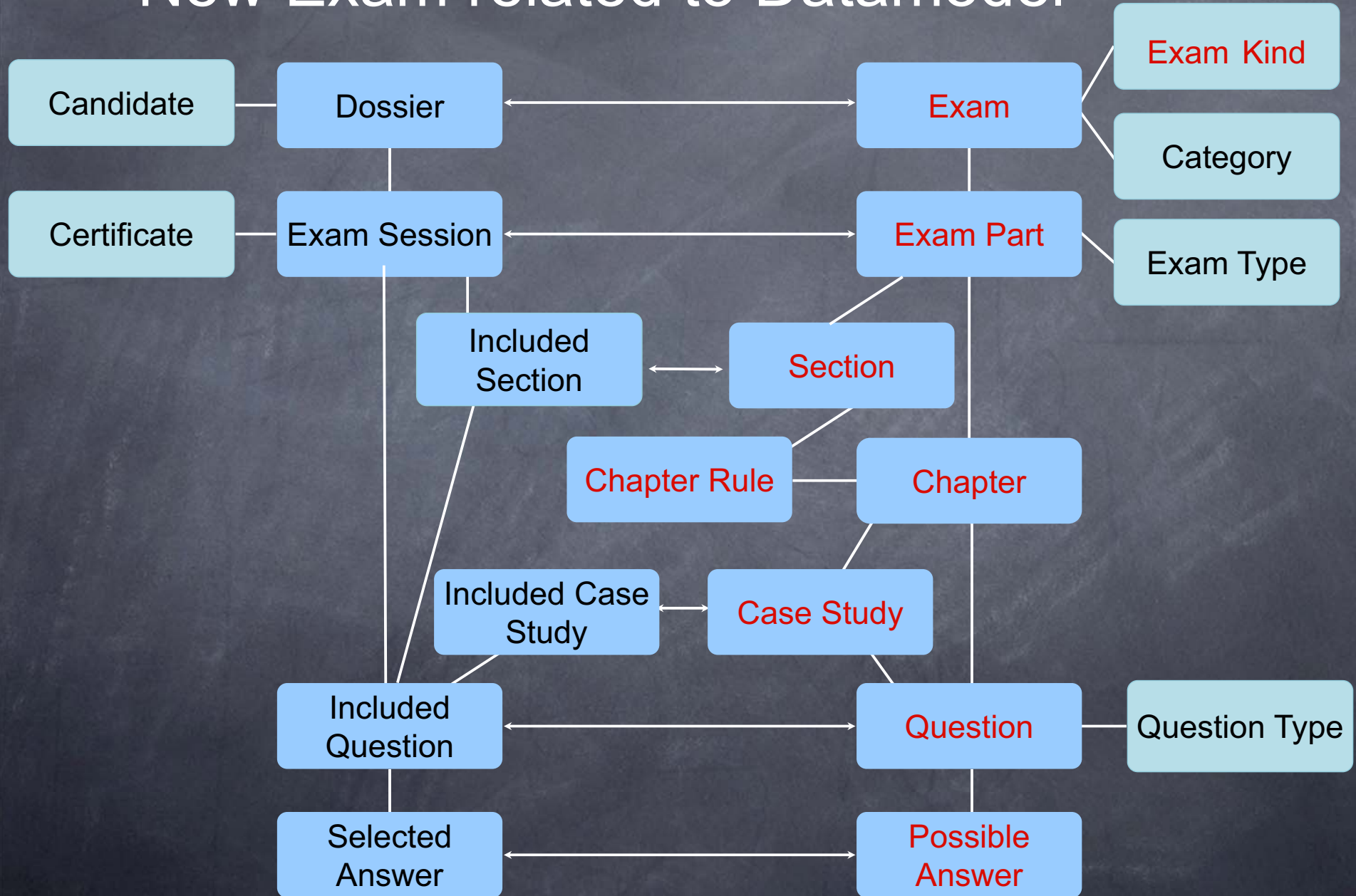
Explanation Datamodel







New Exam related to Datamodel



Q&A

