



Welcome to this **Co**Grammar Software Design

QnA :

The session will start shortly...

Questions? Drop them in the chat.
We'll have dedicated moderators
answering questions.



Software Engineering Session Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly.

(Fundamental British Values: Mutual Respect and Tolerance)

- No question is daft or silly - **ask them!**
- There are **Q&A sessions** throughout this session, should you wish to ask any follow-up questions.
- If you have any questions outside of this lecture, or that are not answered during this lecture, please do submit these for upcoming Academic Sessions. You can submit these questions here: [Questions](#)

Software Engineering Session Housekeeping cont.

- For all **non-academic questions**, please submit a query: www.hyperiondev.com/support
- Report a **safeguarding** incident: www.hyperiondev.com/safeguardreporting
- We would love your **feedback** on lectures: [Feedback on Lectures](#)
- If you are hearing impaired, please kindly use your computer's function through Google chrome to enable captions.

Safeguarding & Welfare

We are committed to all our students and staff feeling safe and happy; we want to make sure there is always someone you can turn to if you are worried about anything.

If you are feeling upset or unsafe, are worried about a friend, student or family member, or you feel like something isn't right, speak to our safeguarding team:



Ian Wyles
Designated Safeguarding
Lead



Simone Botes



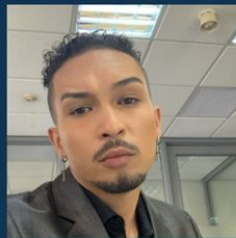
Nurhaan Snyman



Rafiq Manan



Ronald Munodawafa



Tevin Pitts

Scan to report a
safeguarding concern



or email the Designated
Safeguarding Lead:
Ian Wyles

safeguarding@hyperiondev.com

**SKILLS
FOR LIFE**

SKILLS BOOTCAMPS



Department
for Education

CoGrammar

Software Design

Agenda: Online Course Enrollment System



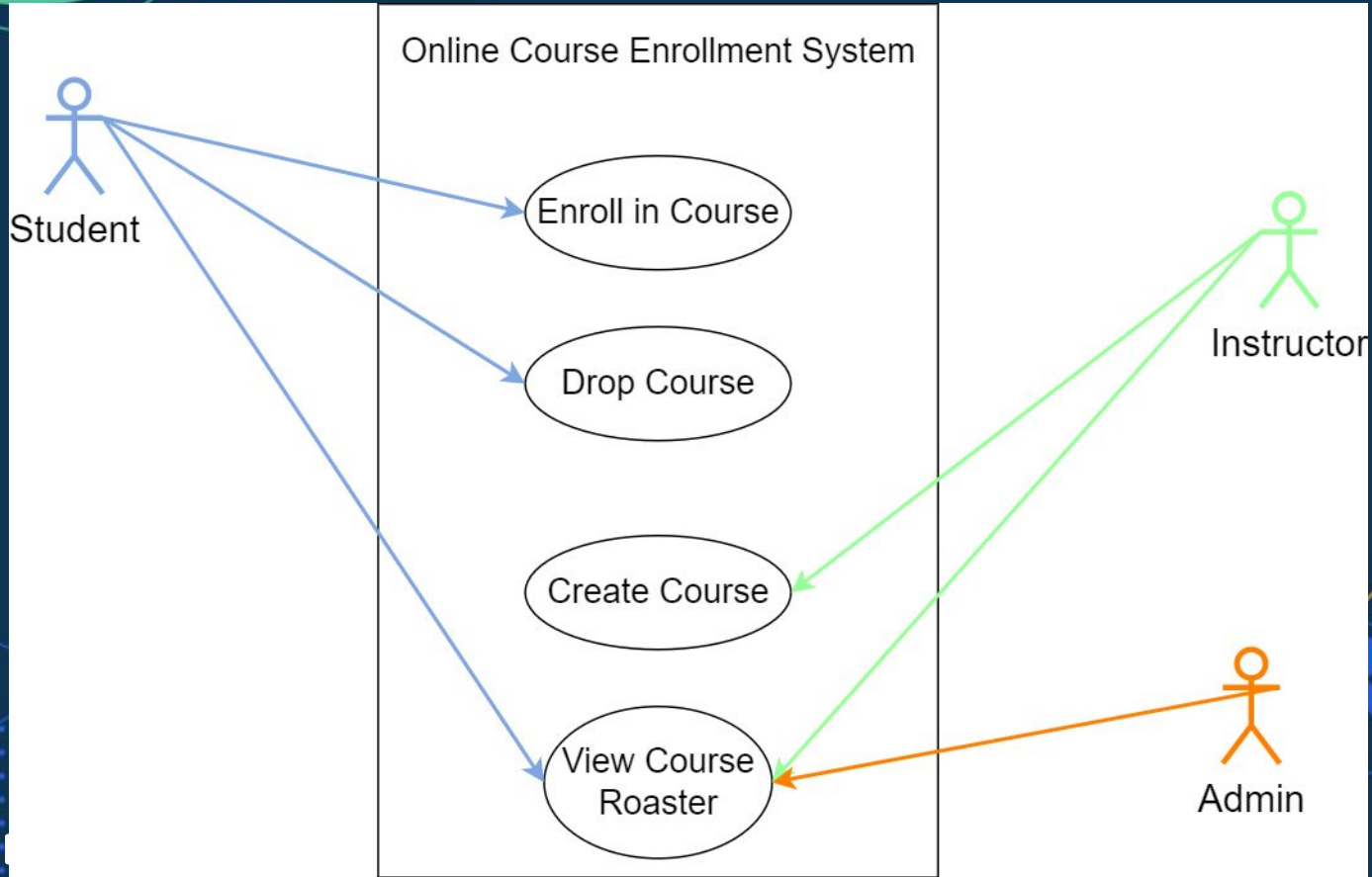
Online Course Enrollment System

1. Introduction
2. Class Diagram Design
3. Use Case Diagram Development
4. Sequence Diagram Construction
5. MVC Pattern Application
6. Live Code Walkthrough and Discussion

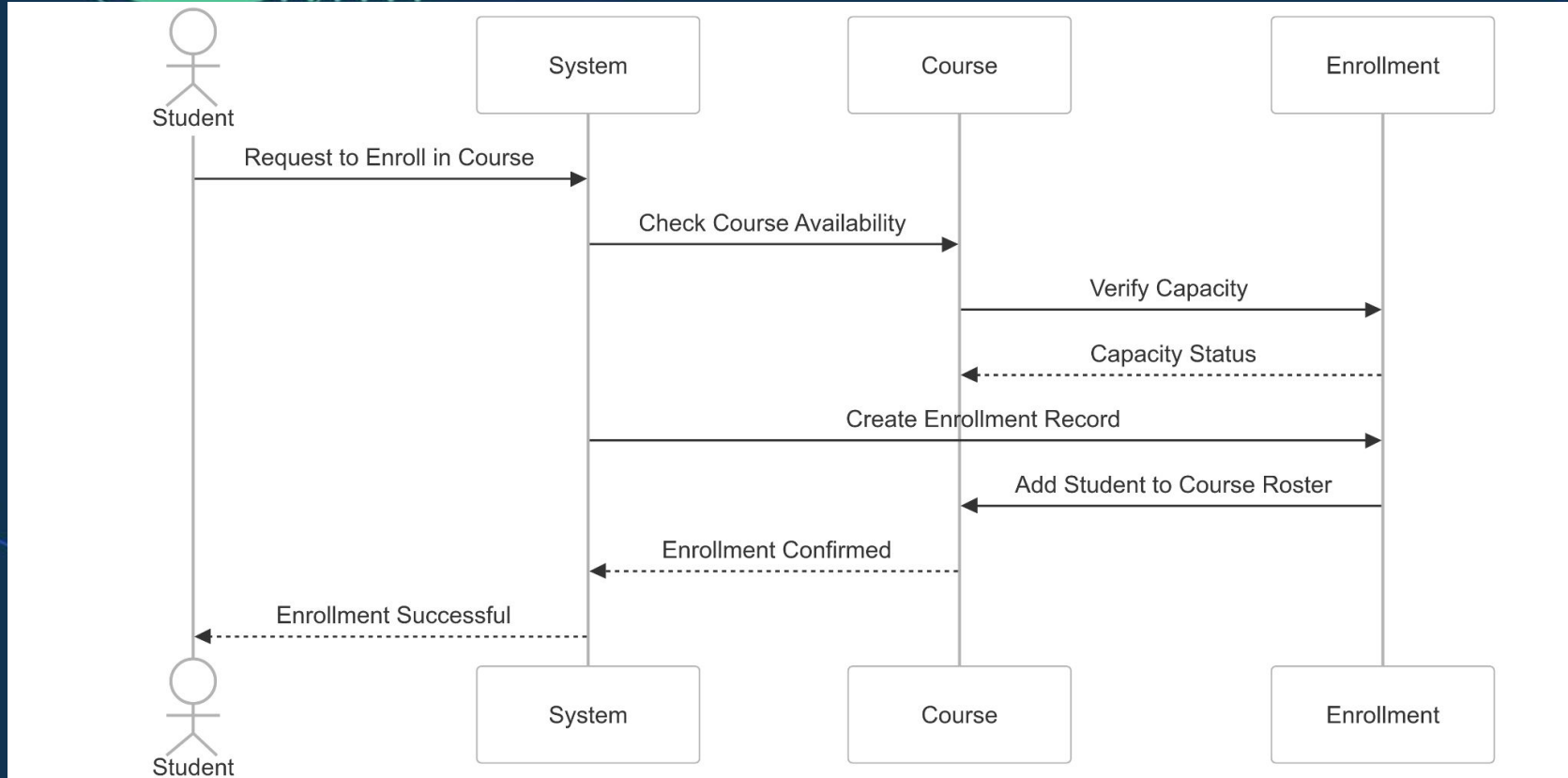
Break: 10 Minutes

Notes: Your questions take precedence

Online Course Enrollment System: Use Case Diagram



Online Course Enrollment System: Sequence Diagram

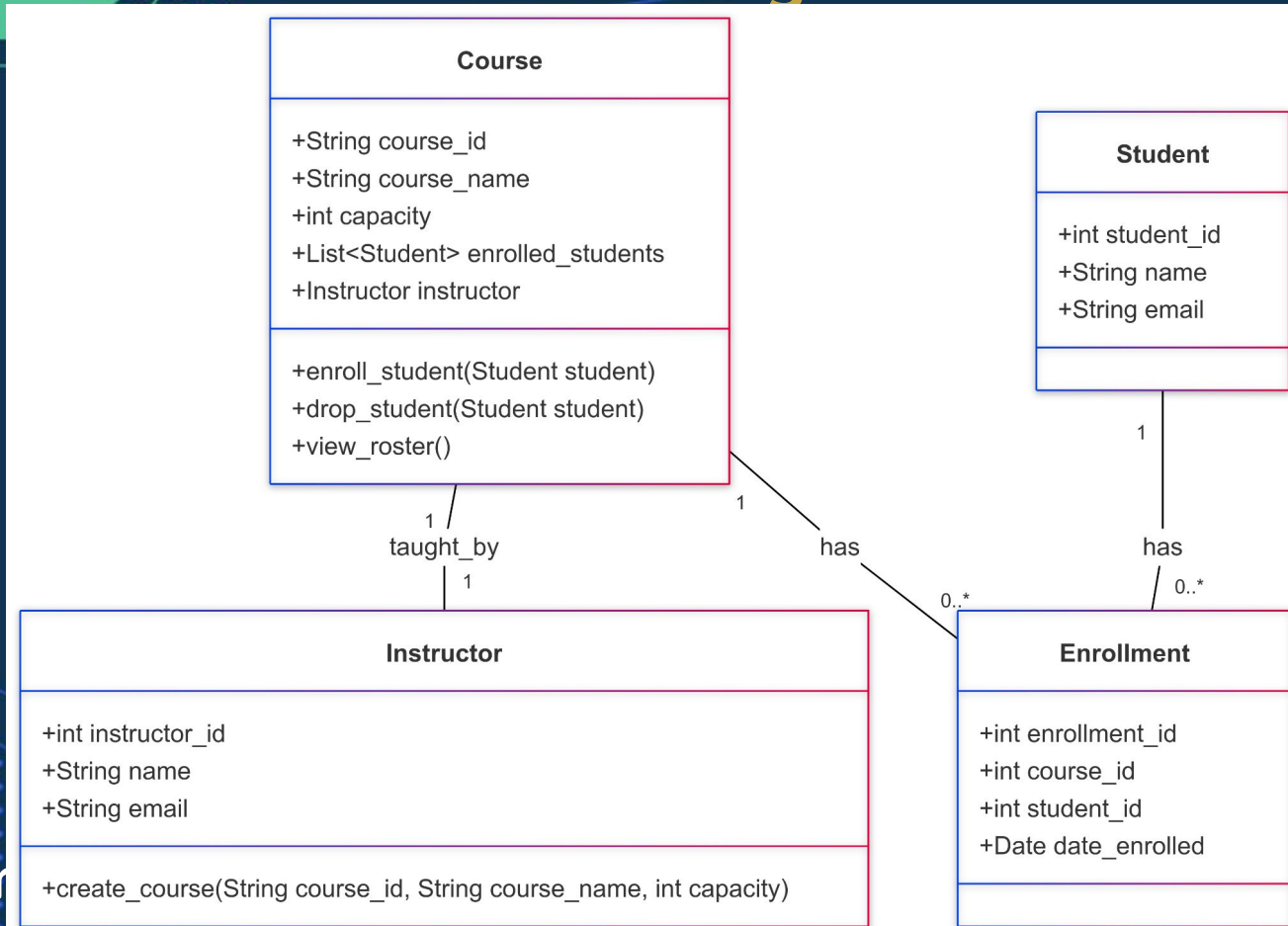


Online Course Enrollment System:

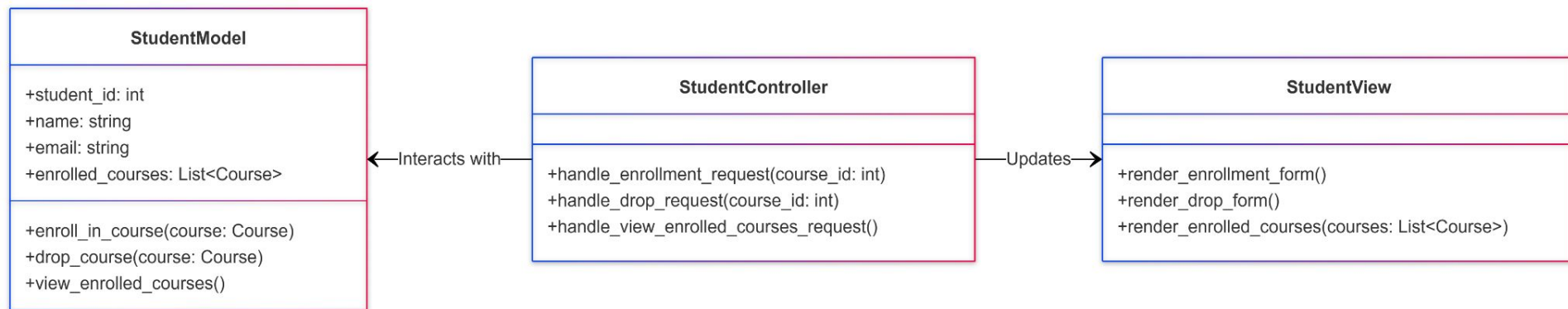
CRUD Matrix: Enrollment

Entity	Actor	Create	Read	Update	Delete
Enrollment	Student	Enroll in a course	View enrolled courses	Update enrollment details	Drop a course
Enrollment	Instructor	-	View course roster	-	-
Enrollment	Admin	-	View all enrollments	Modify enrollment records	Remove enrollment records

Online Course Enrollment System: Use Case Diagram



Online Course Enrollment System: MVC: Enrollment



Questions and Answers



Thank you for attending



Department
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