

Assignment 3: Requirements Analysis

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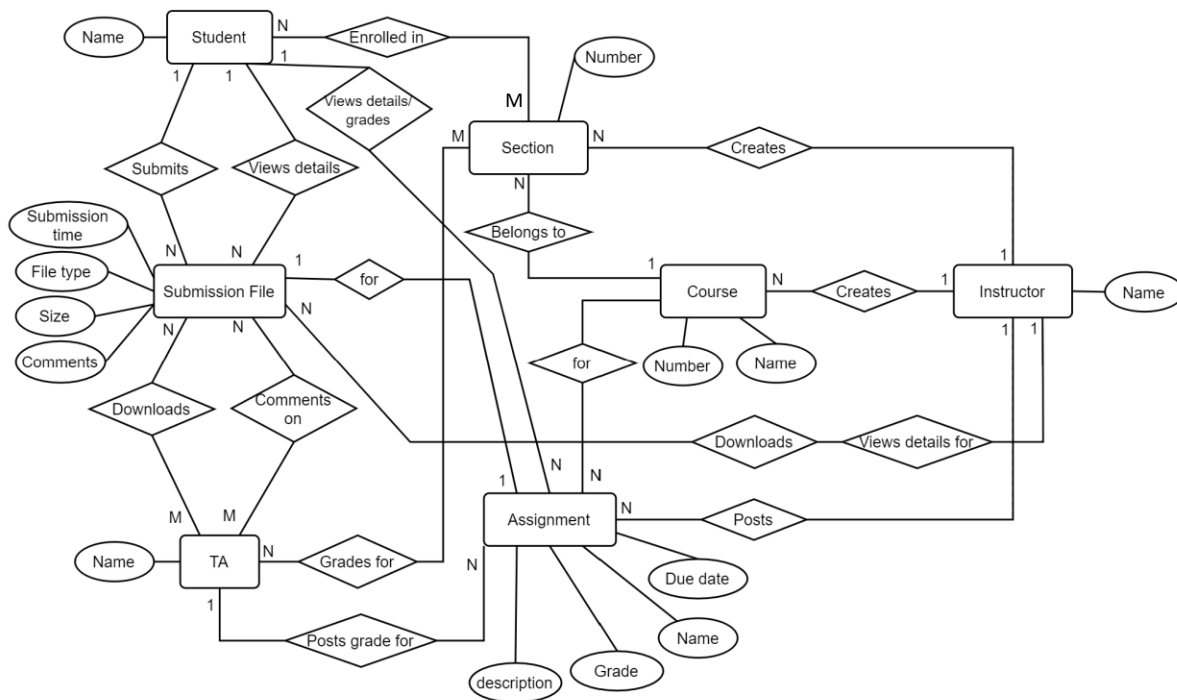
Step 1 - System users:

- Students
- TAs
- Instructors

Step 2 – User requirements:

- Students must be able to:
 - View assignment details
 - Upload files for submission
 - View submission details and download their submissions for verification
 - View TA comments on submissions
 - View grades
 - View course/section numbers
- TAs must be able to:
 - Download submissions
 - Verify time of submission
 - Post comments on submissions
 - Post grades for assignments
 - View course/section numbers
- Instructors must be able to:
 - Create courses
 - Create sections for each course
 - Post and update assignment details for each course
 - Add/remove TAs for each section
 - Add/remove students for each section
 - View submission details for all students
 - Download submissions

Step 3 – Relevant data:



Constraints:

- Multiple files can be submitted, but only the final submission will be visible to users
- Each course can only have one instructor
- While sections can have multiple TAs, only one TA can grade each submission
- Each TA can grade for multiple sections

Step 4 – Necessary components:

Users' device must have:

- Display resolution of at least 800x600
- One of the following operating systems:
 - Windows 7 or newer
 - Mac OSX 10.10 or newer
 - Chrome OS
- 2GHz processor
- 1GB RAM
- One of the following web browsers
 - Internet Explorer 8 or newer
 - Chrome 19 or newer
 - Safari 5 or newer
 - Firefox 12 or newer

- Internet connection bandwidth of at least 512kbps