# Bug Report: BUG-002 - Missing MAX\_COURSE\_CAPACITY

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| Bug ID | BUG-002 |
| Feature | Course Reservation / Capacity Management |
| Severity | Medium |
| Environment | CUnit Test Environment |
| Status | Open |

## Description

## The system allows course reservation but does not define a maximum capacity

## Steps to Reproduce

## Inspect course structure

## 2. Look for course limits 3. None found

## Expected Behavior

There must be max reservation for each course

## Actual Behavior

There is no limits for reservations

## Root Cause

## No maximum capacity set in Course\_Type or DB structure

## Suggested Fix

Add a MAX\_COURSE\_CAPACITY macro and enforce it in AddStudentToCourse()