power: Total no of classe: 550 Any no. of methods there class: 10 Take no of test method. no of classes they north methods per class = 5000 muin: 851 method coverage. Test lase per method to achieved 851. coverage Total ho of dest case = Total ho. of method to achieved or. musi is its defects on method. expected not defects, Total host Methods x Bifutes pur method = 2500 min Deut detection efficiency (DOE)=701. effected no. of defects and fixed. = imputations to defects x DD 5 power : 5 oppered no. of defects before terring expected number of defects = 2500-1750 = 750 Maintinuit

## ANALYTICAL.

Requirement Avalysis:

Functional Requirements

HStudent Enrollment

· Add new student

· Update

· brenerate

> Course Registration

· Add new courses

(TCO) some mass A most ce

· Update

· Drop

Wur Management 4) arade Momagement:

· Admin hogin

· Student Login

· Faculty Login

· brenirate

I have friend the contract of I · Calculate (GPA)

Reword brade

·Update Grades

Ion-Functional Requirements

5 Performance 4 Usability

Security Uscalability

> Keliability Wompliance

