Welcome

Result Analysis

Project Guide:

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What is a Result Anlysis?

✓ **"RESULT ANALYSIS"** gives us idea about how the analysis of the result store in the database can be done and also how it is useful to Institute/University. The system will utilize the large result set and then by processing it will provide various reports on comparison on student's result.

✓ For Academicians, currently there is no information available to analyze the performance of department. We will generate reports based on analysis of institute result set and suggest where the department should focus on improvement on particular subject too.

Result Analysis Motto

For Students currently their result is calculated, stored in the database and displayed simply on the University Portal.

➢*The subject's marks are represented in the form of grades and result is represented by a special value called SPI (Semester Percentage Index), CPI (Cumulative Performance Index), and CGPA (Cumulative Grade Point Average). So, here we will calculate percentage of student's result.*

➢ *Also there is no comparison of individual student's result with other student's result. So here we will try to add this feature as our key feature to improve student's performance by comparing each other's result.*

➢Result Analysis refine data stored in database and generate various analysis reports.

➢ To have easy access for students for any information from anywhere.
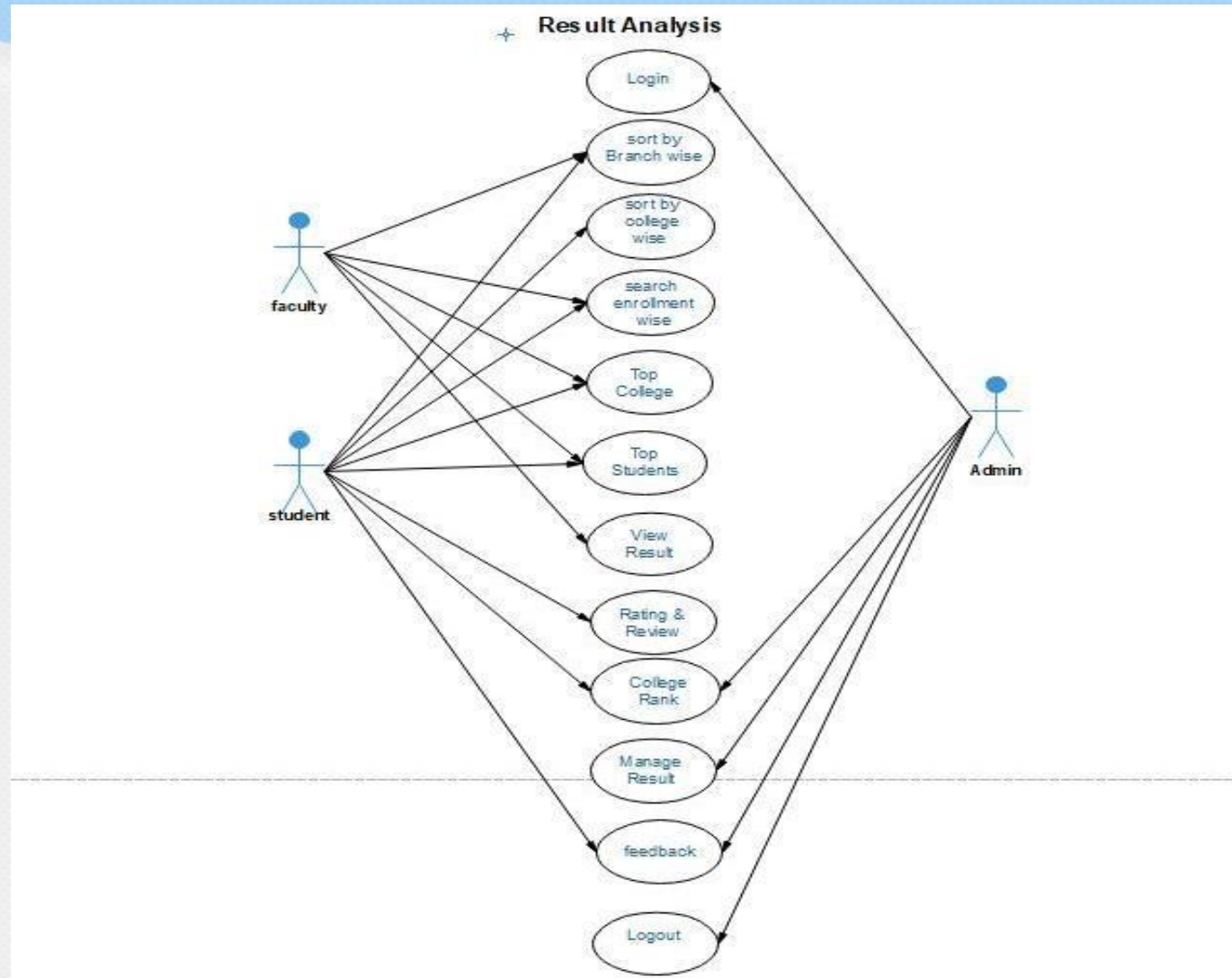
Main Actors Of our System

Admin

Institute
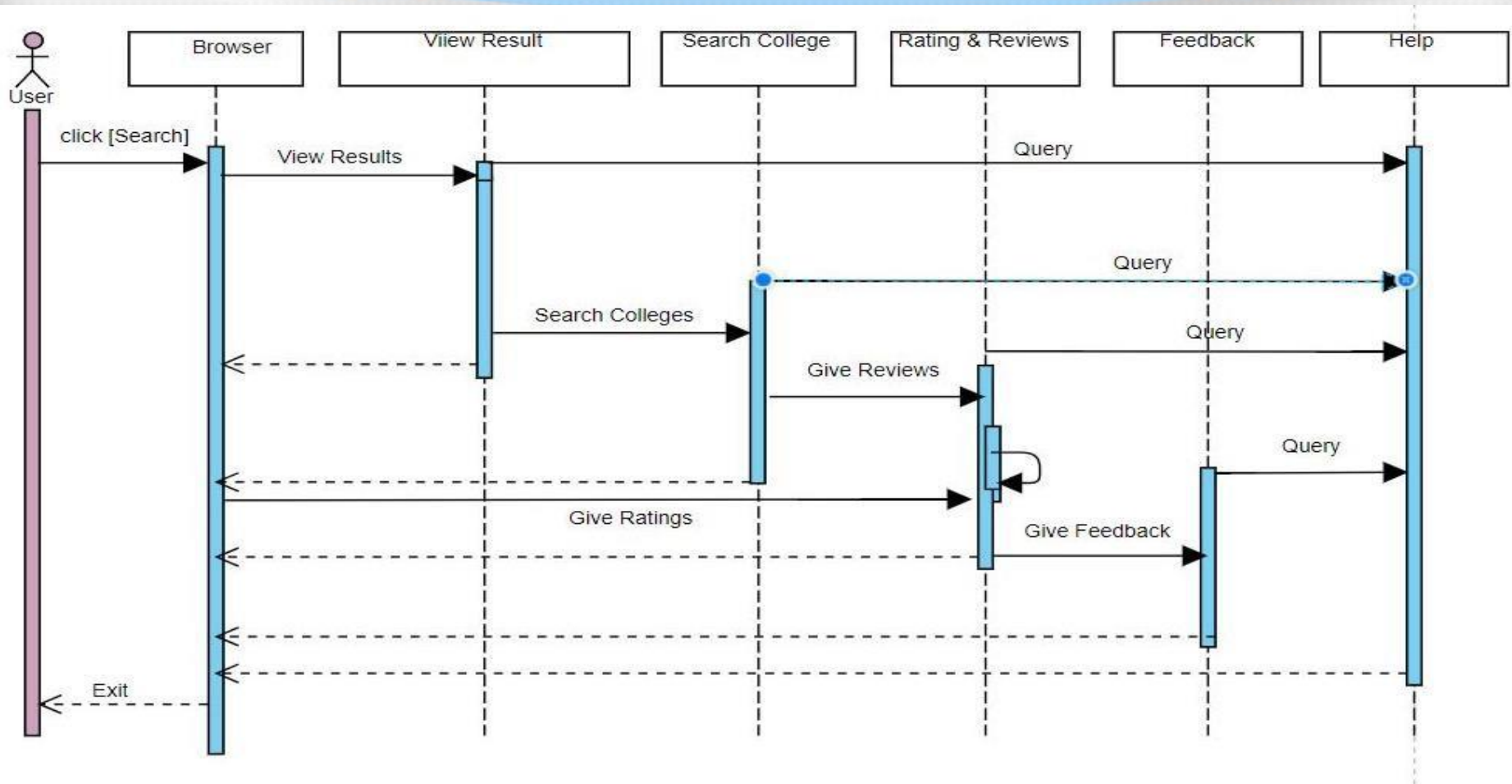
Students

Main modules of our system

- ➢ User Login.
- ➢ Students Detail Upload.
- ➢ View Result GTU wise.
- ➢ View Result College wise.
- ➢ Filter Result Branch wise.
- ➢ View all students details.
- ➢ View student backlog details.
- ➢ View student marks details.
- ➢ Faculty feedback facility.
- ➢ Upload placement detail.

Use Case Diagram of "ResultAnalysis"

Sequence Diagram of "ResultAnalysis"

Development Tools

- ASP.NET MVC

- SQL Server

Glimps of "Result Analysis"

(1) Login

Glimps of "Result Analysis"

(2) GTU wise result search.

Result Analysis

GTU Wise Analysis

Select Branch: COMPUTER ▾ ; Select Category: InstituteWisetop30 ▾ Semester 1 ▾ | Search |

S.N	COLLEGE	BRANCH	ENROLLMENT	SEMESTER	SPI	CPI
1	GEC GANDHINAGAR	COMPUTER	160133107026	1	10	10
2	L.D. COLLEGE OF ENGINEERING	ELECTORNICS AND COMMUNICATION	160133108056	1	10	10
3	L.D. COLLEGE OF ENGINEERING	COMPUTER	160133107025	1	9	9
4	GEC GANDHINAGAR	ELECTORNICS AND COMMUNICATION	160133107025	1	9	8
5	GEC CHANDKHEDA	ELECTORNICS AND COMMUNICATION	180130107045	1	9	9
6	GEC GANDHINAGAR	ELECTORNICS AND COMMUNICATION	160130107126	1	8	8
7	GEC GANDHINAGAR	COMPUTER	150130107126	1	8	8
8	GEC GANDHINAGAR	COMPUTER	160133107010	1	7	3
9	GEC GANDHINAGAR	COMPUTER	160133107025	1	7	8
10	GEC GANDHINAGAR	COMPUTER	162001540263	1	7	8

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Glimps of "Result Analysis"

(3) Institute wise result search.

≡ Result Analysis

Institute

Select College: [GEC GANDHINAGAR ▼] ; Select Branch: [COMPUTER ▼] ; Select Category [BranchWisetop30 ▼] Semester [1 ▼] [Search]

S.N	COLLEGE	BRANCH	ENROLLMENT	SEMESTER	SPI	CPI
1	GEC GANDHINAGAR	COMPUTER	160133107026	1	10	10
2	GEC GANDHINAGAR	ELECTORNICS AND COMMUNICATION	160133107025	1	9	8
3	GEC GANDHINAGAR	ELECTORNICS AND COMMUNICATION	160130107126	1	8	8
4	GEC GANDHINAGAR	COMPUTER	150130107126	1	8	8
5	GEC GANDHINAGAR	COMPUTER	160133107010	1	7	3
6	GEC GANDHINAGAR	COMPUTER	160133107025	1	7	8
7	GEC GANDHINAGAR	COMPUTER	162001540263	1	7	8
8	GEC GANDHINAGAR	COMPUTER	165220045215	1	7	8
9	GEC GANDHINAGAR	COMPUTER	160122017025	1	7	5
10	GEC GANDHINAGAR	BIO MEDICAL	160188107025	1	6	7

Glimps of "Result Analysis"

(4) Manage Students details.

≡	Result Analysis					

Manage Student Details

SN	ENROLLMENT	FIRSTNAME	LASTNAME	AADHAR NO	DATE OF BIRTH	ACTION
1	170130107001	Jagruti	Airao	575954807310	4/3/2000	Edit
2	170130107002	Mayur	Anghan	624035833195	23/06/1999	Edit
3	170130107003	Harsh	Asodariya	711351983337	27/11/1999	Edit
4	170130107004	Sabari	Raj	218083168386	12/05/1999	Edit
5	170130107005	Axaykumarzxxx	Badani	293107541613	22/11/1999	Edit
6	170130107006	Aliasgarxxx	Badri	966046719255	22/01/2000	Edit
7	170130107007	Kaushaleei	Bakranias	952414590262	28/7/2000	Edit

Glimps of "Result Analysis"

(5) Update Students details.

Result Analysis

Edit

SN	ENROLLMENT	FIRSTNAME	LASTNAME	AADHAR NO	DATE OF BIRTH	ACTION
1	170130107002	Mayur	Anghan	624035833195	23/06/1999	Update

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Glimps of "Result Analysis"

(5) Backlog details.

Result Analysis

Search Backlog Details

Enter Enrollment No. 160133107026 🔍

Enrollment No.**160133107026**
College: **GEC GANDHINAGAR**
Total Backlog :**2**

Backlog Details

SR.No	SEMESTER	SUBJECT	STATUS	CPI
1	5	Elements of Electrical Engineering	Fail	7.00
2	1	Elements of Mechanical Engineering	Pass	8.60
3	3	Vector Calculus & Linear Algebra	Fail	7.24

Glimps of "Result Analysis"

(6) Marks details.

Glimps of "Result Analysis"

(7) Give Feedback.

Features of "Result Analysis"

1. To improve student's performance by comparing each other's result.

2. To refine data stored in database and generate various analysis reports.

3. Automatically calculate percentage of student's result.

4. We will generate reports based on analysis of institute result set and suggest where the department should focus on improvement on particular subject too.

Challenges

1. **Learning ASP.NET mvc is challenging task for us.**

2. **Data dictionary is complex and quite difficult to manage.**

3. **Razor syntax is little bit difficult to learn and understand.**

Future Enhancement

Software is continuously changing entity. Software should be reflected with new features whenever new requirements emerges.

Software evolution is one of big phase in any software's life cycle. We have to project towards some newly emerged and previously implemented and installed into its essential environment.

We have to examine newly emerging requirements , misinterpretation of older requirements, impact due to omission of some important requirements, and failure of some features. For our prepared system we are willing to provide some new features, which can help the users in prodigious way, they are as noted below.

➤ Better format for reports generation.
➤ Automatic Questionpaper generation on gtu admin side.

Question And Query??