

# Automated Result Analysis System [ BLUE PRISM]

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## Abstract:

The pandemic shows the immense utilization of Internet. It shows an unmistakable vision of digitization in driving firms, instructive organizations to move to telecommute (WFH). Online instruction turned into the main hotspot for educating. Instructive establishments take on AI and mechanical technology advances for a savvy schooling framework. Advanced mechanics process robotization (RPA) innovation is a pathway to computerized change. This RPA framework will robotize the Evolution framework in Educational Institute[4]. Here the savvy Result Analysis System incorporates following component: Automatic combination of data sets, Easy mailing of result to understudy, Remote access and control. The shrewd outcome investigation framework has finished with the assistance of Blue Prism creates Intelligent Robotic Process Automation (RPA) programming ..

**Key words:** *Blue prism, RPA, Microsoft. Net frame work*

## I. INTRODUCTION

Understudy Result Analysis System is one of the significant exercises in instructive establishment. it is exceptionally tedious. Understudy Result Analysis System manages the different computerized process. The proposed Education framework comprises of three essential advances to be specific Exam Result Analysis, Daily Student Attendance Analysis and Lecture Schedule Storage. For Exam Result Analysis module, proposed framework gives brings about the type of graphical examination through bunching calculations for understudy passages and imprints scored in school and college exams[1]. In this savvy result mechanization, the RPA programming which will coordinate the data set of each subject and making a final data set which has data of all subjects against every understudy. Not exclusively will it coordinate to make the final data set, it

additionally kill the requirement for manual work. It helps in illuminating the understudies about their outcome situations with. The RPA will email them their imprints in interior evaluation, outside appraisal, down to earth appraisals and so forth in each subject. This will apportion them their situations with constant just as raise worry in the event that there is a mix-up in beginning manual entering of the imprints in the subject information base.

## II. Programming USED IN THE PROPOSED SYSTEM

Mechanical interaction robotization (RPA) arises as another innovation is centered around computerization of redundant, daily practice, rule-based human assignments, meaning to carry advantages to the associations that choose to execute such delicate product arrangement. Since RPA is a moderately new innovation accessible available, the logical writing on the point is still scant.

RPA gives associations the capacity to lessen staffing expenses and human mistake. Bots are commonly minimal expense and simple to carry out, requiring no custom programming or profound frameworks coordination. Ventures can likewise supercharge their mechanization endeavors by infusing RPA with intellectual advances like ML, discourse acknowledgment, and regular language handling, computerizing higher-request assignments that in the past required the perceptual and judgment abilities of people

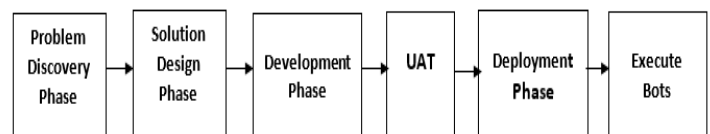


Fig1.Working of RPA

In the absolute first period of RPA, the issue ID has done, then, at that point, it will go through intricacy distinguishing proof and arrangement ID is finished. In the second stage for example the Design stage, arrangement advancement is begun then it is sent to the creation unit in the following phase[1,2]. Testing is done in the pre-creation climate by the proprietor then the bot is sent into the creation climate programming Require for RPA –UiPath RPA, Robotic Process Automation, Blue Prism, Laser fiche, Pega Platform, Win Automation , Softomotive, ElectroNeek, Automate Robotic Process Automation, Appian, intex RPA

**.BLUE PRISM:** Blue Prism is a product that creates industry mechanical interaction computerization (RPA) programming that empowers organizations to robotize convoluted, start to finish methodology. Blue Prism made the Virtual Workforce Platform idea and is dealing with a hearty, exceptionally versatile, secure, and reliable undertaking Robotic Process Automation stage. Blue crystal is based on the Microsoft .NET Framework. It computerizes any application and supports any stage (centralized server, Windows, WPF, Java, web, and so forth) It utilizes graphical coding to make computerization plans. Blue crystal is not difficult to learn and execute, accordingly extremely easy to understand

### III. METHOD FOR SMART RESULT ANALYSIS SYSTEM USING ROBOTICS PROCESS AUTOMATION

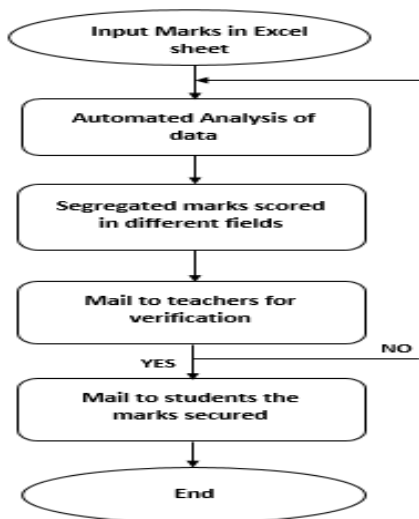


Fig. 2 Flow chart of smart result analysis system.

As per the assessment framework in certain universities, subsequent to stepping through an examination and counting the imprints an educator needs to keep a data set for the subject. Furthermore consequently, there are a-ton of unlinked data sets against every understudy which should be physically incorporated to get the final situations with every understudy in all subjects. Furthermore this brought together data set is accessible just at the office, subsequently just the office can access and know the subtleties, and understudies are totally ignorant about the imprint circumstance. Henceforth for this model the resolved issue is the current assessment process, which have bunches of disadvantages like when the redundant ordinary undertaking of incorporating these imprints for all subjects against every understudy is done it makes the interaction more monotonous and dreary, it is additionally exceptionally inclined to human mistakes. Besides, Students don't know about their own imprints which exacerbates things. This prompts a great deal of wastage of time in overcoming any issues. The answer for these above issue lies in the Smart Evaluation System. In the paper a RPA programming has been planned which will incorporate the data set of each subject and it will make a final data set which has data of all subjects against every understudy. Along this it will likewise help in edifying the understudies about their situations with. The RPA will email them their imprints in inward evaluation, outside appraisal, commonsense appraisals and so on in each subject. This will tell them their situations with continuous just as raise worry in the event that there is a misstep in beginning manual entering of the imprints in the subject information base

### IV. EXPERIMENTAL RESULTS:

	A	B	C	D	E
	name	roll no	marks in		
			external	practical	internal
	Ashok	6433	33	30	21
	Bina	6418	38	17	29
	Cinta	6420	35	22	19
	Diya	6220	38	27	25
	Eva	6511	22	25	5
	Falgun	6224	5	26	17
	Gagan	6350	35	23	15
	Hansin	6451	25	13	19
	Ina	6599	37	27	25
	Jiya	6459	34	27	28
	Kamal	6355	35	25	29
	Liya	6452	36	28	24

Fig 3. Input data base in excel sheet

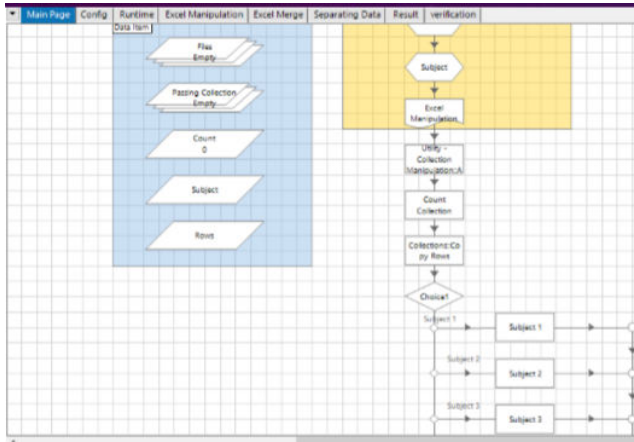


Fig 4. Segregated marks scored in different fields

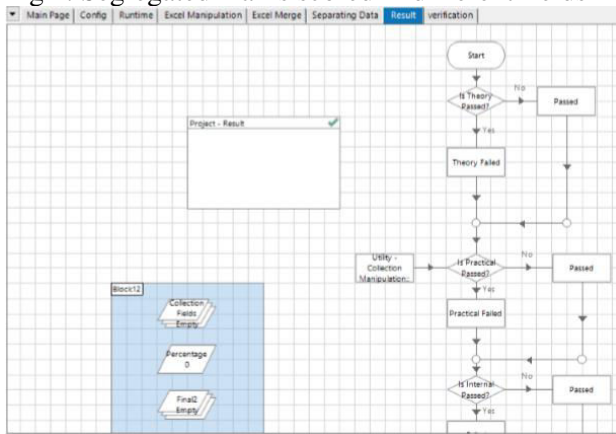


Fig 5. Analysis of the Result

6th Semester Exam Result  
2020-21 Spam

Sudipta Ray Yesterday to me

Why is this message in spam?  
It is similar to messages that were identified as spam in the past.  
Report not spam

Hi Ashok,

The Result for 6th semester has been published. Please find your result below:

Sl.no	Subject	External	Internal	Practical	External Result	Practical Result	Internal Result
1	Microcontroller	33/40	22/30	21/30	Passed	Passed	Passed
2	AEC	10/40	12/30	22/30	Failed	Passed	Passed
3	Electronics	33/40	22/30	21/30	Passed	Passed	Passed
4	English	33/40	30/30	21/30	Passed	Passed	Passed
5	Maths	33/40	22/30	21/30	Passed	Passed	Passed

**PERCENTAGE: 71.200**

If you find any discrepancy in result kindly contact with the examination department

Fig 6. Final Result shown to students.

## V.CONCLUSION

The strategy depends on the perception on the issue in foundations and have given an efficient and practical answer for it. The framework planned can make the information putting away and correspondence simpler. The change being basic and clear, with a smooth and non-problematic progress from present framework to mechanized framework. Sooner rather than later we can plan a fitting climate utilizing RPA that will robotize for the most part everything and take out doing redundant dreary errands, in the end further developing exactness and execution. The framework expects to benefit the two educators and understudies.

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