

# A Novel Approach in Online Examination System

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## 1. Introduction

This report discuss the result of the work done in the development in the field “website development”on html platform.project going in information sciences of department, new horizon college of engineering Bengaluru. We developed many webpage and developed android application during execution of the project

### 1.1 Motivation of Project

Purpose of our website fulfills the requirements of the students to access the internal question papers and they can enroll up-coming events in the college. This is the modern way of collection of data . They just have download the application from the google link. Or they can go the website.Students can. They can download the question paper from the website. Thus the purpose of the application-project is to provide access data that saves the efforts and time of students.

### 1.2 Problem Statement

To design and implement a website for online previous question paper and in college to overcome the manual registering of the events that can overcome all the issues related.

- It solves the issue of collecting hard copies of internal question papers.
- We can easily register for any event in our college.
- We can store in clouds so students can assess from anywhere.
- It is easy to collect information.

## 2. System Requirement Specification

Purpose: The purpose of the project is to provide question

papers and student can enroll up-coming events in college. Students should download application Also they can view the result in the website. Students can login and give their feedback we will consider each feedback seriously. We keep the website up to date

Scope: The application to provide question papers and students can enroll the up-coming events in the college. This application provides facility to students to enroll any event in the college. Students can use this application in their android phone are they can also access the website.

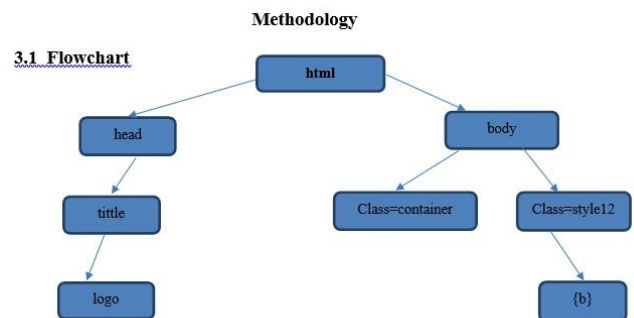
### 2.1 Hardware System Configuration:

Processor	- Intel Core i3
Speed	- 1.8 GHz
RAM	- 256 MB (min)
Hard Disk	- 10 GB

### 2.2 Software System Configuration:

Operating System	- Windows 7/8.1/10
Programming Language	- html5,css3,js3,php,
Software used	- WordPress(cmc)

## 3. System Design



## 3.2 Implementation

### 3.2.1 HTML

Hypertext Markup Language (HTML) is the standard markup dialect for making website pages and web applications. With Cascading Style Sheets best was (CSS) and JavaScript, it frames a group of three of foundation advances for the World Wide Web.

Internet browsers get HTML records from a web server or from neighborhood stockpiling and render the archives into interactive media site pages. HTML depicts the structure of a site page semantically and initially included signs for the presence of the report.

HTML componets are the bulding squares of HTML pages. With HTML develops,picture pictures and different questions, for example, intelligent structures might be in aimplanted into the rendered page. HTML gives a way to make organized reports by an in signifying auxiliary semantics for content, for example, headings, passages, records, connections,wa cites and different things. HTML components are portrayed by labels, composed utilizing edge sections. Labels, the best for example, `<img/>` and `<input/>` straightforwardly bring substance into the page. Different in the big labels, for example, `<p>` encompass and give data about archive message and may incorporate different labels as sub-components.in the Programs don't show the HTML labels, however utilize them to decipher the substance of the page.

HTML can install programs written in a scripting dialect, for example, JavaScript, which influences the conduct and substance of website pages. Consideration of CSS of the sheet characterizes the look and format of substance. The World Wide Web Consortium of the (W3C), maintainer of both the HTML and the CSS principles, has energized the utilization of CSS over express presentational HTML since 1997.

In 1980, physicist Tim Berners-Lee, a contractual worker at CERN, proposed and the best prototyped ENQUIRE, a framework for CERN analysts to utlieze and share records. In a 1989, Berners-Lee composed a reminder proposing an Internet-based on the highypertext bysystem.Berners-Lee

indicated HTML and composed the program and was an server programming in late 1990. That year, Berners-Lee and CERN information in frameworks build Robert Cailliau worked together on a joint demand for main year of thef financing, yet the undertaking was not formally received by CERN. In his own notes from 1990 he listed is "a portion of the numerous territories in which hypertext is utilized" and put a reference book first.

The primary openly accessible portrayal of HTML was a report called est "HTML Tags", first made reference to on the by Tim Berners-Lee in late 1991 . It depicts 18 was the components containing was the underlying, generally straightforward structure of HTML. With the exception of the hyperlink tag, these were firmly affected by SGMLguid, an in-house Standard Gealized Markup was set by (SGML)-based documentation design at CERN. Eleven of these components still exist in HTML .

HTML is a markup dialect that internet browsers use to decipher and make content,of the- pictures, and other material into visual or perceptible site pages. Default qualities for each thing of HTML markup are characterized in the program, and these attribute can changed or upgraded by the site page architect's extra utilization of CSS. A large number an of the content components are found in the 1988 ISO specialized report TR 9537 Technique for utilizing SGML, which thus covers the highlights of early content arranging dialects for example, that utilized by the RUNOFF direction created in the mid 1960s for the SCTSS (Compatible Time-Sharing System) working framework: these organizing directions were gotten from the directions utilized by typesetters to physically design archives. In any of a case, the SGML idea of summed up markup depends on components (settled commented on extents with traits) as opposed to simply print impacts, with additionally the partitions of structure and markup; HTML has been logically moved toward this path with CSS.

Berners-Lee viewed HTML as a use of SGML. It was formally characterized accordingly by the Internet Engineering Task Force (IETF) with the mid-1993

distribution of the main principal proposition for a HTML particular, the "Hypertext Markup Language (HTML)" Internet Draft by Berners-Lee and Dan Connolly, which incorporated a SGML Document type definition to characterize the grammar. The draft lapsed following a half year, yet was these the prominent for its affirmation of the NCSA Mosaic program's custom tag for implanting in-line pictures, mirroring the IETF's logic of constructing measures in light of effective prototypes. Similarly, Dave Raggett's contending Internet-Draft, "HTML+ (Hypertext Markup Format)", from late 1993, recommended institutionalizing a officially executed highlights like tables and round out forms.

After the HTML and HTML+ drafts lapsed in mid 1994, the IETF made a HTML of the a Working Group, which in 1995 finished "HTML 2.0", the main HTML the determination planned to be treated as a standard against which future executions ought to be based.

Assist improvement under the support of the IETF was slowed down by contending best a interests. Since 1996, the HTML particulars have been kept up, with contribution thefrom business programming sellers, by the World Wide Web Consortium (W3C).the from the However, in 2000, HTML additionally turned into a global standard (ISO/IEC 15540:2000-15445:2000). HTML 4.01 was distributed in late 1999, with further errata distributed in a through 2001. In 2004, advancement started on HTML5 in the Web Hypertext present in- Application Technology Working Group (WHATWG), which turned into a joint of the b- deliverable with the W3C in 2008, and finished and institutionalized on 28 October 2014

### 3.2.2css

Falling Style Sheets (CSS) is a template dialect utilized for depicting the introduction of an archive written in a markup dialect like HTML. CSS is a foundation innovation of the World Wide Web, nearby HTML and JavaScript

CSS is intended to empower the partition of introduction and substance, including design, hues, and fonts. This is detachment can enhance content availability, give greater thanadaptability and control in the determinations of

introduction qualities, empower different site pages to share organizing by indicating the inpertinent CSS in a different .css record, and lessen unpredictability and redundancy in the basic substance.

Detachment of arranging and substance additionally makes it achievable to show a similar markup page in various styles for various rendering strategies, for example, on-screen, in print, by voice (by means of discourse based program or screen peruser), and on Braille-based material gadgets. CSS additionally has rules for substitute arranging if the main she substance is gotten to on a portable device.

The name falling originates from the predefined need plan to figure out which style rule applies if in excess of one guideline coordinates a specific component. This falling need plot is unsurprising.

The CSS determinatins are kept up by the rld Wide Web Consortium (W3). Web media type (MIME type) content/css is enrolled for use with CSS by RFC 2318 (March 1998). The W3C works a free CSS approval benefit for CSS documents.

Notwithstading HTML, other markup dialects bolster the utilization of CSS, inclnding XHTML, plain XML, SVG, and XUL.

### Substance History

Håkon Wium Lie, boss specialized officer of the Opera Software organization and co-maker of the CSS web standard

CSS was first proposed by Håkon Wium Lie on October 10, 1994. At the time, Lieas was working with Tim Berners-Lee at CERN. then Several other template dialects for the web were proposed around a similar time, and discourses on open mailing records and inside World Wide Web Consortium brought about the main W3C CSS Recommendation (CSS1) being discharged in 1996. Specifically, I Bert Bos' proposition was powerful; he progressed toward becoming co-creator of CSS1 and main of an is viewed as co-maker of CSS.

Templates have existed in some shape it was since the beginnings of Standard from an g- Generalized Markup Language (SGML) during the 1980s, and CSS was produced to give templates to the web. One of necessity for a web

template dialect was of an templates to originate from various sources on the web. Along these lines, existings templates dialects like DSSSL and FOSI were not reasonables. CSS, then in again, let an archive's styles be affected by different templates by method for "falling" styles.

As HTML developed, it came to envelop a more extensive assortment by the time an of elaborate abilities to meet the requests of web designers. This advancement gave mathe originator more command over site appearance, at the expense of more intricate HTML. Varieties in internet browser usage, for example, ViolaWWW and WorldWideWeb, then showed up troublesome, and client had less command over how web content was shown. The program supervisor created by Tim Berners-Lee had templates that were hard-coded into the program. The templates could along these lines not be connected to records on the web. if Robert Cailliau, additionally of CERN, needed to isolate the structure from the introduction sowas an extraordinary templates could portray diverse introduction for printing, screen-based introductions, and editors.

Enhancing web introduction abilities was a point important to numerous best in the web network and nine diverse template dialects were proposed on the www-style of a mailing list. that Of these nine recommendations, two were particularly powerful on what moved toward becoming CSS: Cascading HTML Style Sheets was and Stream-based Style Sheet Proposal (SSP). these Two programs filled in as styletestbeds for the underlying by the proposition; Lie worked with Yves Lafon to the m-execute CSS in Dave Raggett's Arena browser. these are the Bert Bos actualized his own SSP proposition in the Argorances of a browser. Thereafter, these Lie and Bos cooperated to build up the CSS standard (the 'H' in- was expelled from these the name in light of the fact that these templates could likewise be in connected to other markup dialects other than HTML).

Lie's proposition was introduced at the "Mosaic and the Web" gathering (later called WWW2) in Chicago, Illinois in 1994, and again with Bert Bos in 1995. the a Around this time

the W3C was at that point being set up, and appreciated the improvements of CSS. It sorted out a workshop toward that end led by Steven Pemberton. This brought about W3C including work CSS to the expectations of the HTML article audit board (ERB). Lie and Bos were the essential specialized staff on this part of the venture, with extra individuals, including Thomas Reardon of Microsoft, taking an interest too. In August 1996 Netscape Communication Corporation exhibited an elective template dialect called JavaScript Style Sheets (JSSS). The spac it was never completed and is deprecated. By the finish of 1996, CSS was prepared to wind up authority, and the CSS level 1 Recommendation was distributed in December.

Improvement of HTML, CSS, and the DOM had all been occurring in one gathering, the HTML Editorial Review Board (ERB). Right off the bat in 1997, the ERB was part into three working gatherings: HTML Working gathering, led by Dan Connolly of W3C DOM is in the Working gathering, led by Lauren Wood of SoftQuad; and CSS Working gathering, led by Chris Lilley of W3C.

The CSS Working Group started handling issues that had not been tended to with CSS level 1, bringing an main about the making of CSS level 2 on November 4, 1997. It was distributed as a W3C Recommendation on May 12, 1998. CSS level 3, which was begun in 1998, is still being worked on starting at 2014.

In 2005 the CSS Working Groups chose to uphold the necessities for gauges all the more entirely. This implied officially distributed principles like CSS was, CSS 3 Selectors and CSS 3 Text were pulled once again from Candidate Recommendation to Working Draft level.

### 3.2.3 Trouble with selection

The CSS 1 detail was finished in 1996. Microsoft's Internet Explorer 3[20] was in main - discharged in that year, highlighting some restricted help for CSS. IE 4 and Netscape 4.x included more help, yet it was normally fragmented and had numerous bugs that kept CSS from being conveniently embraced. It was over three years previously any internet

browser in the accomplished close full usage of the particular. Web Explorer 5.0 for the Macintosh, sent by the in March 2000, was the main program to have full (superior to 99 percent) CSS 1 support,[31] outperforming Opera, which had been the pioneer since its presentation of CSS bolster 15 months sooner. Different programs pursued soon a short time later, and huge numbers of them moreover executed parts of CSS .

Be that as it may, notwithstanding when later 'variant 5' internet browsers started to offer a genuinely full usage of CSS, they were as yet mistaken in specific regions and were laden with irregularities, bugs and different eccentricities. Microsoft Internet Explorer 5. for Windows, instead of the altogether different IE for Macintosh, had a genuinely off base execution of the 'CSS box display', as in contrasted and the CSS models. This is an arrangement of principles that indicate certain best parts of the estimating and design of segments of a page. Such irregularities and variety with css in highlight bolster made it troublesome for fashioners to accomplish a steady appearance crosswise over programs and stages without the utilization of workarounds named CSS hacks and channels. The IE/Windows box show bugs were serious to the point that, when Internet Explorer 6 was discharged,

Microsoft presented a regressive good method of CSS understanding ('peculiarities and a mode') in addition to an option, amended 'measures mode'. Other non-Microsoft program additionally given this extremely same 'mode'-switch conduct capacity. Shockingly, afar back as the arrival of IE 6 out of 2001, it has turned out to be vital for the creators of site pages' html documents to ensure that the html contains an extraordinary unmistakable inn 'benchmarks agreeable CSS expected' marker to demonstrate that the creators mean CSS to be deciphered effectively, in consistence with norms, instead of was being planned for the now long-old IE5/Windows program. Without this marker, internet browser of an that have the 'characteristics mode'- exchanging ability will estimate questions in website for - pages as IE5/Windows would as opposed to following CSS gauges.

Issues with programs' inconsistent selection of CSS, alongside errata in the first was the a particular, drove the W3C to amend the CSS 2 standard into CSS 2.1, which drew closer to a working preview of current CSS bolster in HTML programs. Some CSS 2 properties that no program effectively actualized were dropped, and in a couple of cases, things to be characterized practices were changed to carry the standard into line with the as prevalent existing executions. CSS 2.1 turned into a Candidate Recommendation it on February 25, 2004, yet CSS 2.1 was pulled back to Working Draft status on June 13, 2005, it and just came back to Candidate Recommendation status on July 19, 2007.

Notwithstanding these issues, the .css augmentation was utilized by a product item used to change over PowerPoint records into Compact Slide Show files so some web servers served all as emulate. type application/x-pointplus instead of content/css.

#### Varieties

CSS has different levels and profiles. Each level of CSS expands upon the last, normally including new highlights and ordinarily of an meant as CSS 1, CSS 2, CSS 3, and CSS 4. Profiles are regularly a subset of at least one levels of CSS worked for a specific gadget or UI. At present there are profiles for focell phones, printers, and TVs. Profiles ought not be mistaken for media types, which were included CSS 2.

#### CSS 1

The main CSS determination to wind up an authority W3C Recommendation is CSS level 1, distributed on December 17, 1996. Håkon winkine Wium Lie and Bert Bos are credited as the first developers. Among its abilities are bolster for

Text style properties, for example, typeface and accentuation

Shade of content, foundations, and different components

Content properties, for example, dividing between words, letters, and lines of content

Arrangement of content, pictures, tables and different components

Edge, fringe, cushioning, and situating for generally

components

Exceptional distinguishing proof and conventional arrangement of gatherings of characteristics

The W3C never again keeps up the CSS 1 Recommendation.

## CSS 2

CSS level 2 detail was produced by the W3C and distributed in as in an proposal in May 1998. A superset of CSS 1, CSS 2 incorporates various new forcapacities like total,to - relative, and settled situating of components and z-file, the idea of media types, bolster for aural templates (which were later supplanted in by the CSS 3 discourse modules)[40] and bidirectional content, and new textual style properties, for example, shadows.

The W3C never again keeps up the CSS 2 recommendation.

CSS level 2 correction in the was 1, frequently alluded to as "CSS 2.1", fixes mistakes in CSS 2, expels inadequately upheld or not was in completely interoperable highlights and adds effectively executed program that hexpansions to the detail. To conform to the W3C Process for institutionalizing specialized details, CSS 2.1 returned and forward between Working Draft status and Candidate Recommendation status for a long time. CSS 2.1.1 -initially turned into a Candidate Recommendation on February 25, 2004, however it was returned to a Working Draft on June 13, 2005 for further audit. It came back to Candid

## 3.3Java script

frequently abridged as JS, is an abnormal state, translated programming dialect. It is a dialec which is likewise portrayed as unique, feebly incomposed, model based and multi-worldview.

Close by HTML and CSS, JavaScript is one of the three center advancements of the was a World Wide Web.JavaScript empowers intuitive site pages and in this way is a proper fundamental piece of web applications. By far most of sites utilize it,and all from the c significant internet browsers have a devoted JavaScript motor to execute it.

As a multi-worldview dialect, JavaScript bolsters occasion driven, useful, and in a basic (counting object-arranged and model based) programming styles. Best ofIt has an API for working with content, exhibits, dates, normal articulations, and essential control of the an DOM, however the dialect itself does exclude any I/O, for example, systems things was an administration, stockpiling, or illustrations offices, depending for these upon the host condition in which it is implanted.

At first just executed customer sidein internet browsers, JavaScript motors are presently inserted in numerous was different kinds of host programming, incorporating server-side in web servers and databases, and in non-web projects, for example, word processors and PDF programming, and in runtime conditions that make an wish JavaScript accessible for composing portable and work area applications, including work area gadgets.

Despite the fact that there are solid outward similitudes among JavaScript and Java,in the including dialect name, grammar, and particular standard libraries, the two dialects are on unmistakable and contrast significantly in plan; JavaScript was affected by programmings dialects, for example, Self and Scheme.

I 1993, the National Center for Supercomputing Applications (NCSA), best a unit of the University of an the in was Illinois at Urbana-Champaign, discharged NCSA Mosaic, the primary inn prevalent graphical Web program, which had a vital impact in extending the development of the early World Wide Web. In 1994, of a an organization called Mosaic Communications was established in Mountain View, California and utilized a thing the in considerable lot of the first NCSA Mosaic was an best creators to make Mosaic Netscape. Notwithstanding, itdeliberately imparted no code to NCSA Mosaic. The inner of the codename for the organization's program was Mozilla, which remained for thean"Mosaic executioner", as the organization's objective was to dislodge NCSA Mosaic as the world's main internet browser. The principal variant of the Web program, Mosaic Netscape1.30.9, was discharged in late 1994. Inside four

months it had officially taken seventy of an a five percent of the program advertise and turned into the fundamental program for the Internet during the 1990s. To keep away from trademark proprietorship issues with the NCSA, the program was therefore renamed Netscape Navigator around the same time, and the in the organization took the name Netscape Communications. Netscape of the Communications understood that the Web expected to end up more powerful. Marc web c Andreessen, the originator of the organization trusted that HTML required a "stick dialect" in which a that was anything but difficult to use by Web planners and low maintenance developers to the collect parts, for example, pictures and modules, where the code could be in focomposed specifically in the Web page markup.

In 1995, Netscape Communications enrolled Brendan Eich with the objective of inserting the Scheme programming dialect into its Netscape Navigator. Before he could begin, Netscape Communications worked together with Sun Microsystems to incorporate in into Netscape Navigator Sun's more static programming dialect Java, with the end goal in a to contend with Microsoft for client reception of Web advances and platforms. Netscape Communications at that point chosen that the scripting dialect they needed to make would supplement Java and ought to have a comparative punctuation, which rejected embracing different dialects, for example, Perl, Python, TCL, or Scheme. To protect thandpossibility of JavaScript against contending proposition, the organization required a model. Eich kpt in touch with one out of 10 days, in May 1995.

In spite of the fact that it was created under the name Mocha, the dialect was done by thedoneauthoritatively called LiveScript when it initially delivered in beta arrivals was the Netscape Navigator 2.0 in September 1995, however it was renamed JavaScript when it was conveyed in the Netscape Navigator 2.0 beta 3 in +

There is a typical misguided judgment that JavaScript was

impacted by a before for Web page scripting dialect created by Nombas named Cmm (not to be mistaken for the later C- - made in 1997). Brendan Eich, in any case, had never known about Come he has made LiveScript. Nombas pitched their inserted Web page scripting to Netscape, and however Web page scripting was not another idea, as a appeared by the best of the WWW Web browser. Nombas later changed to offering a JavaScript rather than Cmm in their were ScriptEase item and was a piece of the TC39 amass that institutionalized of an open

#### Server-side JavaScript

In December 1995, not long after in the wake of discharging JavaScript I for a programs, Netscape presented a usage of the dialect for server-side scripting with a Netscape in the Enterprise Server.

Since 1996, the IIS anweb-server has upheld Microsoft's usage of server-side Javascript - JScript—in ASP and .NET pages.

Since the mid-2000s, extra server-side JavaScript executions and have been presented, for example, Node.js in 2009.

#### Selection by Microsoft

Microsoft content advances including VBScript and JScript were in a discharged in 1996. JScript, a figured out of Netscape's in the in JavaScript, was a piece of Internet Explorer 3. JScript was likewise accessible for server-side scripting in Internet Information Server. Web Explorer 3 additionally incorporated Microsoft's first help for CSS and a different expansions to HTML, yet for each situation the usage was recognizably not the same as a that found in Netscape Navigator at the time. These distinctions for that in made troublesome for creators and developers to make a solitary a site function admirably in the two programs, prompting the utilization of "best saw best in Netscape" and "best saw in Internet Explolrer" logos best portrayed these early long stretches of theis program wars. JavaScript started to secure a notoriety for being one of the detours to a cross-

stage and gauges driven Web. A few in the as designers went up against the troublesome undertaking of attempting to make their locales work in as both real programs, yet many couldn't bear the cost of the time. With the arrival of Internet Explorer 4, Microsoft presented the idea of Dynamic HTML, yet the distinctions in dialect executions and the unique and restrictive Document Object Models remained and were hindrances to across the board take-up of JavaScript on the Web.

### Institutionalization

In November 1996, Netscape submitted JavaScript to ECMA International to cut out a of- standard particular, which other program sellers could then execute dependent was on the work done at Netscape. This prompted the is official arrival of the dialect determination ECMAScript distributed in the principal version of the ECMA-262 standard in June 1997, with JavaScript being the most notable of the executions. ActionScript and JScript were other surely understood usage of ECMAScript.

The arrival of ECMAScript 2 in June 1998 proceeded with in the norms procedure cycle, adjusting a few changes to the ISO/IEC 16262 worldwide it standard. ECMAScript 3 was discharged in December 1999 and is the cutting edge pain pattern for JavaScript. The first ECMAScript 4 work driven by Waldemar Horwat (at that point at that Netscape, now at Google) began in 2000. Microsoft at first took part and actualized a few in the main of- recommendations in their

#### 3.3.1 php

PHP: Hypertext Preprocessor (or just PHP) is a server-side scripting dialect intended for Web advancement, and furthermore utilized as a universally useful programming dialect. It was initially made by Rasmus Lerdorf in 1994, the PHP reference execution is presently delivered by The PHP Group. PHP initially in remained for Personal Home Page, yet it currently remains for the recursive initialism PHP:

was done by Hypertext Preprocessor.

PHP code might be inserted into HTML code, or it tends to in best and best be utilized in mix with different web layout frameworks, web content administration frameworks, and web systems. HP code is normally handled by a in direc PHP mediator as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server in the best consolidates the aftereffects of the translated and executed PHP code, which might be any sort of information, including pictures, with the created page. PHP be code may in likewise be executed with a direction line interface (CLI) and can be utilized to actualize independent graphical applications.

The standard PHP mediators, controllekd by the Zend Engine, is free s discharged under the PHP License. PHP has been generally ported and can be conveyed on most web in a servers on pretty much every working framework and stage, free of charge.

The PHP dialect developed without a composed formal determination or standard until a 2014, with the first execution going about as the accepted standard which different usage intended to pursue. Since 2014 work has proceeded to make a formal PHP detail.

## 4. Conclusion

Finally we created website and android application which helps students to access the data of internal question papers and by using this project they can even register up-coming events in the college by this project we collected all data and our team update the website to the date in future we are creating few more pages in which they can access the notes of all subjects which were given in the classes.

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