



VIVEKANAND SCHOOL OF INFORMATION TECHNOLOGY

*Submitted in partial fulfilment of the requirements for the award of degree of Bachelor of
Computer Application*

To

GuruGobind Singh Indraprastha University

A Summer Training Project (BCA-355)

On

mTutor Website Development



SUBMITTED TO

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SUBMITTED BY

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ACKNOWLEDGEMENT

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TEAM:

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ABOUT ARMOR 5 Company

Armor5, Inc. was founded in 2011 and is based in Santa Clara, California. As of October 16, 2014, Armor5, Inc. operates as a subsidiary of Digital Guardian, Inc., which is a US data loss prevention software company which offers security's most technologically advanced approach to data protection and ends data theft by protecting sensitive data from skilled insiders and persistent outside attackers across traditional endpoints, mobile devices and cloud applications. For over 10 years Digital Guardian has enabled data-rich organizations to protect their most valuable assets at the endpoint.

Armor5 offers the only zero touch, 100% cloud-based or on-premise solution that enables access to a company's network, virtualizes enterprise data and applications, and provisions secure and compliant access for every end user. The Armor5 Zero Touch approach requires no installs or configuration on the device or DMZ, operates without a performance deficit and leaves no data on mobile devices. Armor5 protects enterprise data resources when accessed from any device. It was founded in 2012 by former executives from Adobe, Motorola and Yahoo and was backed by Citrix Startup Accelerator, Trinity Ventures and Nexus Venture Partners.

The Armor5 CloudSpace service requires enterprise customers to move VPN and other server connections into the cloud. The end effect is that any mobile device with a browser can gain access to restricted corporate data, but the service won't let the data stay resident on the mobile device. As another example, a person could make use of the Salesforce.com service to fill out forms, but the minute he tried to download data, it would be blocked.

Our technology is basically a virtual browser in the cloud. A secure container is created and the service can be set up to track file usage and other metrics, making use of the enterprise Active Directory policy engine as well for authentication or other purposes. Full water-marking is done on a document in real time, and services such as antivirus in the cloud can be provided as well.

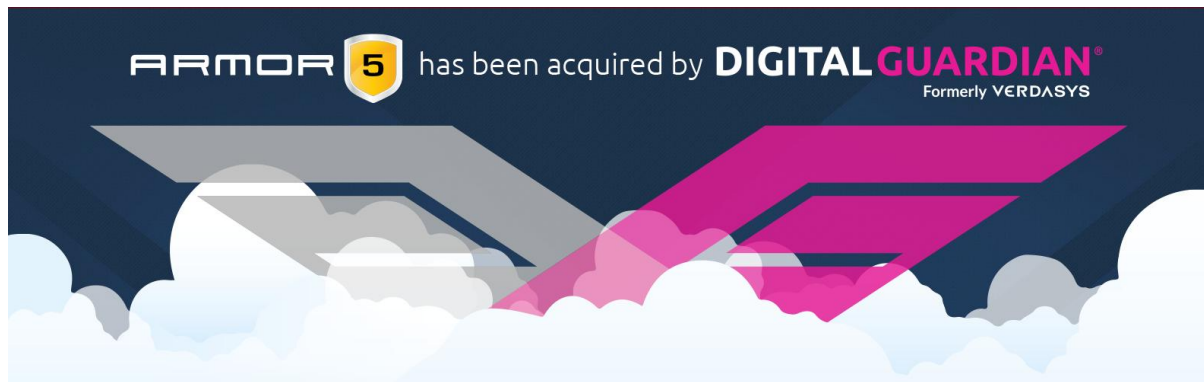
Armor5 develops innovative solutions to solve remote access and data leakage problems facing the BYOD market. Our approach to the problem is zero-app, zero-install, zero-config, zero-management of devices with no user experience changes. It obviates the need for MDM and VPN software on user devices.

Former Chief executive Suresh Balasubramanian, a former general manager of antipiracy at Adobe, believes that BYOD (employees bringing their own devices to work) is a big problem for IT departments; they have "no choice but to deal with the issue," he said. But it also raises "significant security, compliance and cost problems." According to him competitors — including mobile device management and desktop virtualization (VDI) vendors — don't address IT sector's growing needs. MDM software used by an IT

department to manage employee's mobile devices is hard to administer, he explained, and VDI can't deliver on all app functions.

But Amor5's approach is a bit different: The technology connects to a company network via an existing VPN, virtualizes Intranet data and cloud apps, and generates a URL for mobile workers to access content safely from a personal or company-issued device. The entire process takes just a few minutes.

With Armor5's integration into the Digital Guardian Management Console, customers will be able to extend the data protection, visibility and control of the Digital Guardian agent to cloud applications. This will be managed via a single policy, increasing data protection coverage without adding complexity. This addresses a pressing market need as IT strives to keep up with changes in end-user computing and data sharing requirements.



INTRODUCTION

mTutor is a website product assigned by ARMOR 5 Company. It is designed to connect tutors and students, with the moderators operating in between. A wide range of options of tutors are available to the students with the best comparisons and suitability provided in accordance to the students.

Tutors will get the chance to showcase their skills through the series of tests, quizzes and can increase their potential rating by displaying their profiles on the main screen.

This website is user friendly with a responsive template created using HTML, CSS and Bootstrap. PHP implementation is done throughout the website. SQL connectivity using phpmyadmin has the procedure to store the relational tables with their data. This project is used by three types of users:

1) Students

2) Tutors

3) Administrator/Moderator

► **Students** can register at **mTutor** and can mention the subjects for which they want a tutor. The profiles which matches their learning requirements will be shown in their accounts. They can update their profile and view dash board. Short quizzes and quick revisions are also available for students for their practice and better learning. Students can search for the best skilled tutors and connect with them. They receive proper mentorship and appropriate study material. They can reply to tutor messages and rate them too. Students can interact with the faculty, give feedbacks and post their suggestions.

► **Tutors** can register at **mTutor**. They can update their profiles and view dashboard. They are assessed and rated on the basis of aptitude tests and short quizzes relating to specific topics of their domain. Tutors can find students and connect with them by searching through student queries which interests their subjects. They will also periodically receive notifications whenever students want to contact with them. Messages and confirmation can be sent by the tutors. They can also respond to student notifications/enquiries. Tutors can have a check on their idle and occupied slots. They can also choose between home tuitions and tuition centres. To be an active user in the mTutor website's database, the tutor needs to be in a continuous evaluation.

- ▶ **Moderators** are present to check and to moderate the new profiles and messages. With their consent only, the flow among students and tutors will be possible. They review and approve messages, feedbacks, ratings, enquiries and profile content of tutors and students before these things take effect. Moderators have a check on new accounts created and profiles updated regularly for which they maintain a database. They also have a check on idle and active accounts and generate reports. Moderators can activate/deactivate/block any account temporarily/permanently giving a prior warning to the account owner in case of inappropriate content by the user. They can limit privileges of any user account. They can also limit the number of requests per day a user can send or review.

OBJECTIVE

The objectives of the system are:

- ▶ To build a suitable connection between students and tutors so that the students can learn and clear their queries and tutors can teach and learn their subjects too.
- ▶ To provide and rate qualified and skilful teachers by assessing them through aptitude tests and quizzes relating to specific topics of their domain.
- ▶ To get people enrolled in a professional and educational environment and build a better future.
- ▶ To educate the society by creating a new platform for quality education.
- ▶ To make the students learn in an environment where they can choose their own tutors and tutors can find students that they are comfortable with.
- ▶ To help students ask queries any time of the day based on their study pattern.

SCOPE

mTutor is a project with the approach to globalize all over the world. Currently in a progressing state, mtutor is not yet launched. Current focus is for connecting students with their guides, teachers and mentors all over India. By regular evaluation of tutors and moderating undertaken by the administrative members, this website will serve millions of people.

This software package can be readily used by non-technical people as it is designed with great user interface for the ease of people, especially for the benefit of students. Education and proper guidance are the key elements concerned for the benefit of the society.

Hoping to launch it soon, marketing is the next phase. Acceptance Testing will be done when launched, for which the team is putting a lot of efforts. Feedbacks will be acknowledged by the developers.

MODIFICATION AND IMPROVEMENT OVER THE EXISTING IMPLEMENTATION

Already Existing Sites:

- **Less engagement of teachers with the web services.**

One of the major tasks for a web developer is to increase the participation of the main users with the technological interface with minimum complexities. A site may give a hundred features to a user but it's only friendly when one really needs that.

- **Certified contacts are not present.**

There's no guarantee in the existing sites that the people you are contacting are certified. A wrong person can waste time and teach bad as well.

- **Some pages lack in UI professionalism.**

User Interface is one of the most important aspects of any user application. Not every person is an expert in handling computers and internet. So, a website to be as easy to use as it should look.

- **No intellectual or aptitude based rating.**

We never know the insider knowledge about a person's ability until we evaluate the person by certain measures ourselves. Hardly any already-existing website analyses the need.

- **Time consuming and inefficient ways of providing tuitions.**

There's hardly any use of an online method of hiring a tutor if it's not fast and efficient. A customer would want to save maximum time and hire a tutor to their best needs whether it be a home, coaching center or online tuition.

After implementation of mTutor project:

- **Easy to use GUI.**

mTutor makes sure the user comes first. It is their comfort with the interface that matter the most. In a few easy steps or clicks a user is served their tuition needs.

- **Professional look in profiles and registration details provided.**

Professionalism in the user forms and the process of inputting details is highly friendly to a non-technical user also. No use of slangs or messed up profile pages are to found on mTutor.

➤ **Various Test series and short quizzes conducted to rate tutors.**

The USP of mTutor is that there would be multiple tests of aptitude and languages to test a tutor for a rating according to the qualification. Later, evaluation would also be done through personal interviews to eliminate unverified entities.

➤ **Notifications to tutors for available opportunities.**

Easy to manage notifications are provided to tutors without them piling up into unnecessary requests. Only the most suitable notifications arrive in their mailbox thanks to the optimised search box which shows the student only the most relevant matches.

➤ **Moderator checks and updates on each and every action.**

A moderator is an integral entity between any two users. No messages, profile updates or requests can be sent without the approval of the moderator. A moderator is responsible to review the actions and events before they actually happen to prevent misuse, spammers, personal messages, abuse etc.

METHODOLOGY ADOPTED

Scrum-Agile Framework

The Agile Manifesto places a new emphasis on communication and collaboration, functioning software, team self-organization, and the flexibility to adapt to emerging business realities. It doesn't provide concrete steps. Organizations usually seek more specific methods within the Agile movement. These include Crystal Clear, Extreme Programming, Feature Driven Development, Dynamic Systems Development Method (DSDM), Scrum, and others.

For our own team Scrum was the one that enabled our initial breakthroughs. Scrum's simple definitions gave our team the autonomy we needed to do our best work while helping our boss (who became our *Product Owner*) get the business results he wanted. Scrum opened our door to other useful Agile practices such as test-driven development (TDD).

Scrum emphasizes decision making from real-world results rather than speculation. Time is divided into short work cadences, known as sprints, typically one week or two weeks long. At the end of each sprint, stakeholders and team members meet to see a demonstrated potentially shippable product increment and plan its next steps.

Scrum Steps:

1. A product owner creates a prioritized wish list called a product backlog. This priority check list is made using the initial user stories which are converted to features which are assigned ranking according to their priority. The team members or the programmers meet and discuss the user stories and rank them accordingly.
2. During sprint planning, the team pulls a small chunk from the top of that wish list, a sprint backlog, and decides how to implement those pieces. The requirements are broken into independent tasks and time is estimated to complete each task. The product owner then assigns tasks to pairs of programmers based on their skill sets.
3. The team has a certain amount of time — a sprint (usually two to four weeks) — to complete its work, but it meets each day to assess its progress (daily Scrum). All pairs of programmers gather and integrate their code base every day.
4. Along the way, the Scrum Master keeps the team focused on its goal. The developers seek an inspiration from the Scrum Master to gain better guidance.
5. The sprint ends with a sprint review and retrospective. In the end, all the team members come together to conclude the sprint plan.
6. As the next sprint begins, the team chooses another chunk of the product backlog and begins working again.

TECHNOLOGIES USED:

- **Bootstrap:** Bootstrap is a free and open-source front-end web framework for designing websites and web applications. It contains HTML- and CSS-based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions. Unlike many web frameworks, it concerns itself with front-end development only. Bootstrap is compatible with the latest versions of the Google Chrome, Firefox, Internet Explorer, Opera, and Safari browsers, although some of these browsers are not supported on all platforms.

Since version 2.0 it also supports responsive web design. This means the layout of web pages adjusts dynamically, taking into account the characteristics of the device used (desktop, tablet, mobile phone).

Starting with version 3.0, Bootstrap adopted a mobile-first design philosophy, emphasizing responsive design by default.

- **SQL (Structured Query Language)** is a special-purpose programming language designed for managing data held in a relational database management system (RDBMS), or for stream processing in a relational data stream management system (RDSMS).

Originally based upon relational algebra and tuple relational calculus, SQL consists of a data definition language, data manipulation language, and Data Control Language. The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control. Although SQL is often described as, and to a great extent is, a declarative language (4GL), it also includes procedural elements.

- **HyperText Markup Language (HTML)** is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS), and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.
- **JavaScript** is a high-level, dynamic and interpreted programming language. It has been standardized in the ECMA Script language specification. Alongside HTML and CSS, it is one of the three core technologies of World Wide Web content production; the majority of websites employ it and it is supported by all modern Web browsers without plug-ins. JavaScript is prototype-based with first-class functions, making it a multi-paradigm language, supporting object-oriented, imperative, and functional programming styles. It has an API for working with text, arrays, dates and regular expressions, but does not include any I/O, such as networking, storage, or graphics facilities, relying for these upon the host environment in which it is embedded.
- **Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language. Along with HTML and JavaScript, CSS is a cornerstone technology used by most websites to create visually engaging webpages, user interfaces for web applications, and user interfaces for many mobile applications.

SCRUM ROLES

Scrum has three roles: Product Owner, Scrum Master, and Team.

- **Product Owner:** The Product Owner should be a person with vision, authority, and availability. The Product Owner is responsible for continuously communicating the vision and priorities to the development team.

It's sometimes hard for Product Owners to strike the right balance of involvement. Because Scrum values self-organization among teams, a Product Owner must fight the urge to micro-manage. At the same time, Product Owners must be available to answer questions from the team.

- **Scrum Master:** The Scrum Master acts as a facilitator for the Product Owner and the team. The Scrum Master does not manage the team. The Scrum Master works to remove any impediments that are obstructing the team from achieving its sprint goals. This helps the team remain creative and productive while making sure its successes are visible to the Product Owner. The Scrum Master also works to advise the Product Owner.
- **Team:** According to Scrum's founder, "the team is utterly self-managing." The development team is responsible for self-organizing to complete work. A Scrum development team contains about seven fully dedicated members (officially 3-9), ideally in one team room protected from outside distractions. For software projects, a typical team includes a mix of software engineers, architects, programmers, analysts, QA experts, testers, and UI designers. Each sprint, the team is responsible for determining how it will accomplish the work to be completed. The team has autonomy and responsibility to meet the goals of the sprint.

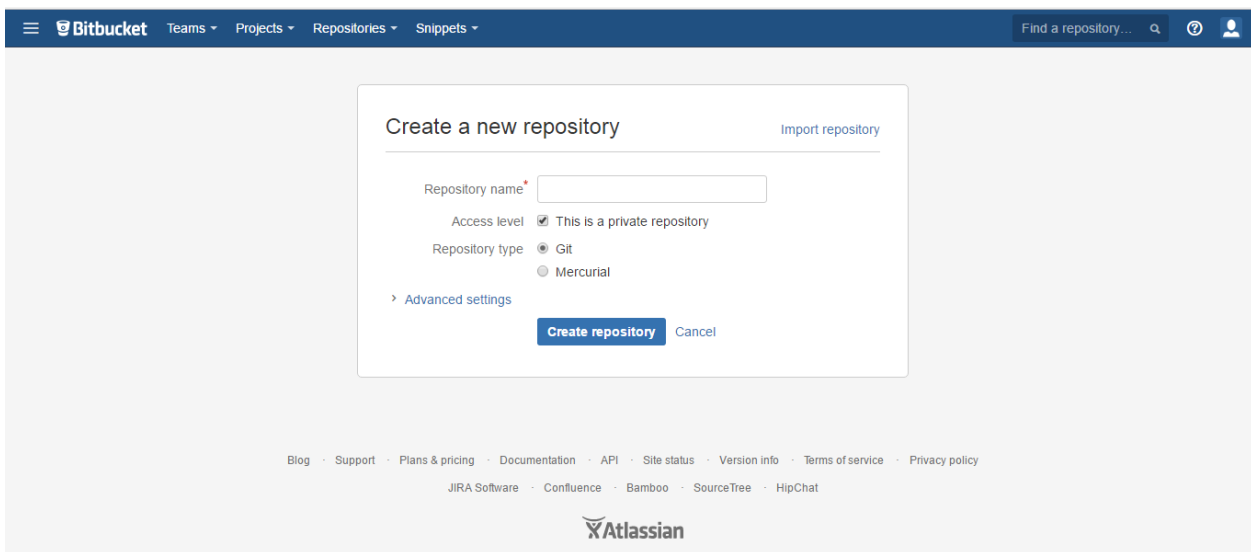
REFERENCES

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- www.stackoverflow.com
- www.getbootstrap.com
- Jump Start Bootstrap by Syed Fazle Rahman
- Jump Start PHP by Callum Hopkins

GIT HUB

ARMOR 5 company has used GIT HUB to transfer the files via GIT BASH among the team members. Accounts on a common platform: BIT BUCKET, were generated and the files were pushed on the hub. From there, rest of the team members have pulled the files and retrieved into their personal storage area. The main use of using GIT HUB is the version control system and managing the files.

GIT HUB is a web based git repository hosting service which helps in version control. It offers all of the distributed version control and source code management(SCM) functionality of Git as well as adding its own features. It provides access control and several collaboration features such as bug tracking, feature requests and task management for every project.



```
MINGW64/C:/Users/shivam/git/mtutor
shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git commit -m "updating contributor file"
[master 942105a] updating contributor file
1 file changed, 1 insertion(+)
shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git push
To https://shivamaggarwal08@bitbucket.org/mtutor/mtutor.git
! [rejected] master -> master (fetch first)
error: failed to push some refs to 'https://shivamaggarwal08@bitbucket.org/mtutor/mtutor.git'
hint: Updates were rejected because the remote contains work that
hint: not have locally. This is usually caused by another repository
hint: having made changes in the same ref. You may want to first integrate the remote
hint: changes (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for more about this error.
shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git fetch
remote: Counting objects: 8, done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 8 (delta 3), reused 0 (delta 0)
Unpacking objects: 100% (8/8), done.
From https://bitbucket.org/mtutor/mtutor
d49fab7..3ec92dc master -> origin/master
shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git merge
Auto-merging contributors.txt
CONFLICT (content): Merge conflict in contributors.txt
Automatic merge failed; fix conflicts and then commit the result.
shivam@shivam-PC MINGW64 ~/git/mtutor (master|MERGING)
$ git merge
error: merge is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
```

```
MINGW64/C:/Users/shivam/git/mtutor
-197121 1694 Jun 20 00:22 tnc.html
-197121 30459 Jun 20 11:52 wrong.png
shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ git add privacy_policy.html faqs.html tnc.html
shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   faqs.html
    new file:   privacy_policy.html
    new file:   tnc.html
shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ git commit
Aborting commit due to empty commit message.
shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ git commit -m "adding new files"
[master d49fab7] adding new files
3 files changed, 219 insertions(+)
 create mode 100644 ui/faqs.html
 create mode 100644 ui/privacy_policy.html
 create mode 100644 ui/tnc.html
shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ git push
Counting objects: 6, done.
Delta compression using up to 4 threads.
compressing objects: 100% (6/6), done.
writing objects: 100% (6/6), 2.02 KiB | 0 bytes/s, done.
total 6 (delta 3), reused 0 (delta 0)
```



```
MINGW64/c/Users/shivam/git/mtutor
To https://shivamaggarwal08@bitbucket.org/mtutor/mtutor.git
85ce7d7..d49fab7 master -> master

shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ git add contributors.txt
fatal: pathspec 'contributors.txt' did not match any files

shivam@shivam-PC MINGW64 ~/git/mtutor/ui (master)
$ cd /

shivam@shivam-PC MINGW64 /
$ cd mtutor
bash: cd: mtutor: No such file or directory

shivam@shivam-PC MINGW64 /
$ pwd
/

shivam@shivam-PC MINGW64 /
$ cd /c/Users/shivam/mtutor
bash: cd: /c/Users/shivam/mtutor: No such file or directory

shivam@shivam-PC MINGW64 /
$ cd /c/
$Recycle.Bin/
AdwCleaner/
autoexec.bat
Documents and Settings/
hiberfil.sys
Intel/
KMPlayer/
MSOCache/
netbeans-8.0.2-windows.exe
New folder/
pagefile.sys
PerfLogs/

shivam@shivam-PC MINGW64 /
$ cd /c/Users/shivam/git/mtutor/

shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git add contributors.txt
```

```
MINGW64/c/Users/shivam/git/mtutor
Auto-merging contributors.txt
CONFLICT (content): Merge conflict in contributors.txt
Automatic merge failed; fix conflicts and then commit the result

shivam@shivam-PC MINGW64 ~/git/mtutor (master|MERGING)
$ git merge
error: merge is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <f
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.

shivam@shivam-PC MINGW64 ~/git/mtutor (master|MERGING)
$ git add contributors.txt

shivam@shivam-PC MINGW64 ~/git/mtutor (master|MERGING)
$ git commit -m "updating contributor file"
[master 4492bed] updating contributor file

shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)
nothing to commit, working directory clean

shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git push
Counting objects: 6, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 601 bytes | 0 bytes/s, done.
Total 6 (delta 2), reused 0 (delta 0)
To https://shivamaggarwal08@bitbucket.org/mtutor/mtutor.git
3ec92dc..4492bed master -> master

shivam@shivam-PC MINGW64 ~/git/mtutor (master)
$ git status
```

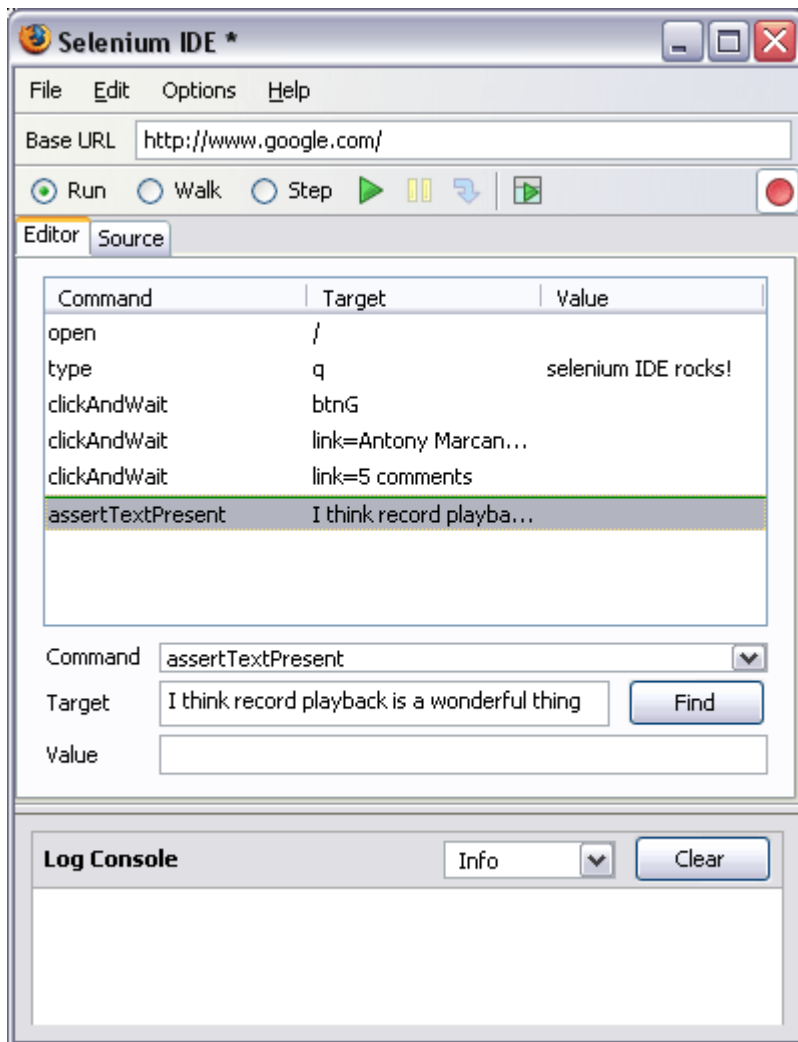
ABOUT SELENIUM

Many, perhaps most, software applications today are written as web-based applications to be run in an Internet browser. The effectiveness of testing these applications varies widely among companies and organizations. In an era of highly interactive and responsive software processes where many organizations are using some form of Agile methodology, test automation is frequently becoming a requirement for software projects. Test automation is often the answer. Test automation means using a software tool to run repeatable tests against the application to be tested. For regression testing this provides that responsiveness. There are many advantages to test automation. Most are related to the repeatability of the tests and the speed at which the tests can be executed. There are a number of commercial and open source tools available for assisting with the development of test automation. Selenium is possibly the most widely-used open source solution. This user's guide will assist both new and experienced Selenium users in learning effective techniques in building test automation for web applications.

Selenium is a portable software testing framework for web applications. Selenium provides a record/playback tool for authoring tests without learning a test scripting language (Selenium IDE). It also provides a test domain-specific language (Selenese) to write tests in a number of popular programming languages, including C#, Java, PHP, Python, Ruby . The tests can then be run against most modern web browsers. Selenium deploys on Windows, Linux, and OS X platforms. It is open-source software, released under the Apache 2.0 license, and can be downloaded and used without charge. Selenium was originally developed by Jason Huggins in 2004 as an internal tool. Selenium IDE is a complete integrated development environment (IDE) for Selenium tests. It is implemented as a Firefox Add-On, and allows recording, editing, and debugging tests. It was previously known as Selenium Recorder. Scripts may be automatically recorded and edited manually providing autocompletion support and the ability to move commands around quickly. Scripts are recorded in Selenese, a special test scripting language for Selenium. Selenese provides commands for performing actions in a browser (click a link, select an option), and for retrieving data from the resulting pages.

Selenium is a set of different software tools each with a different approach to supporting test automation. Most Selenium QA Engineers focus on the one or two tools that most meet the needs of their project, however learning all the tools will give you many different options for approaching different test automation problems. The entire suite of tools results in a rich set of testing functions specifically geared to the needs of testing of web applications of all types. These operations are highly flexible, allowing many options for locating UI elements and comparing expected test results against actual application behavior. One of Selenium's key features is the support for executing one's tests on multiple browser platforms.

ARMOR 5 has used Selenium IDE for automation testing. Play and record features were continuously done. On the basis of different input values, a few errors were identified.



ABOUT PHPMYADMIN

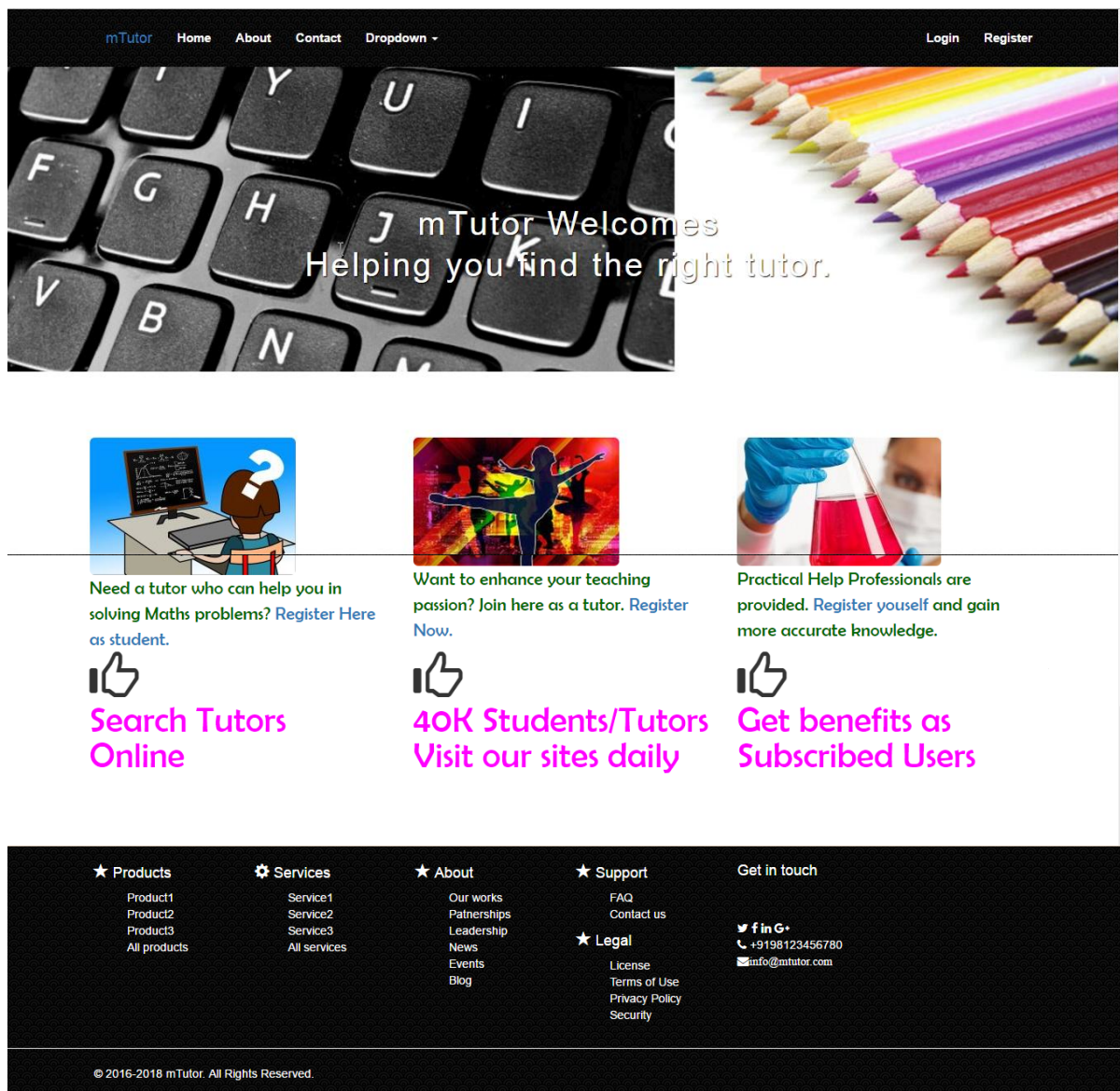
phpMyAdmin is a free and open source tool written in PHP intended to handle the administration of MySQL or MariaDB with the use of a web browser. It can perform various tasks such as creating, modifying or deleting databases, tables, fields or rows; executing SQL statements; or managing users and permissions.

phpMyAdmin is a free software tool written in php, intended to handle the administration of mysql over the Web. phpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

Features provided by the program include Web interface, MySQL and MariaDB database management, Import data from csv and sql, Export data to various formats like csv,sql,xml and pdf Administering multiple servers,Creating PDF graphics of the database layout,Creating complex queries using Query-by-Example ,Searching globally in a database or a subset of it.

HOME PAGE

SCREENSHOT

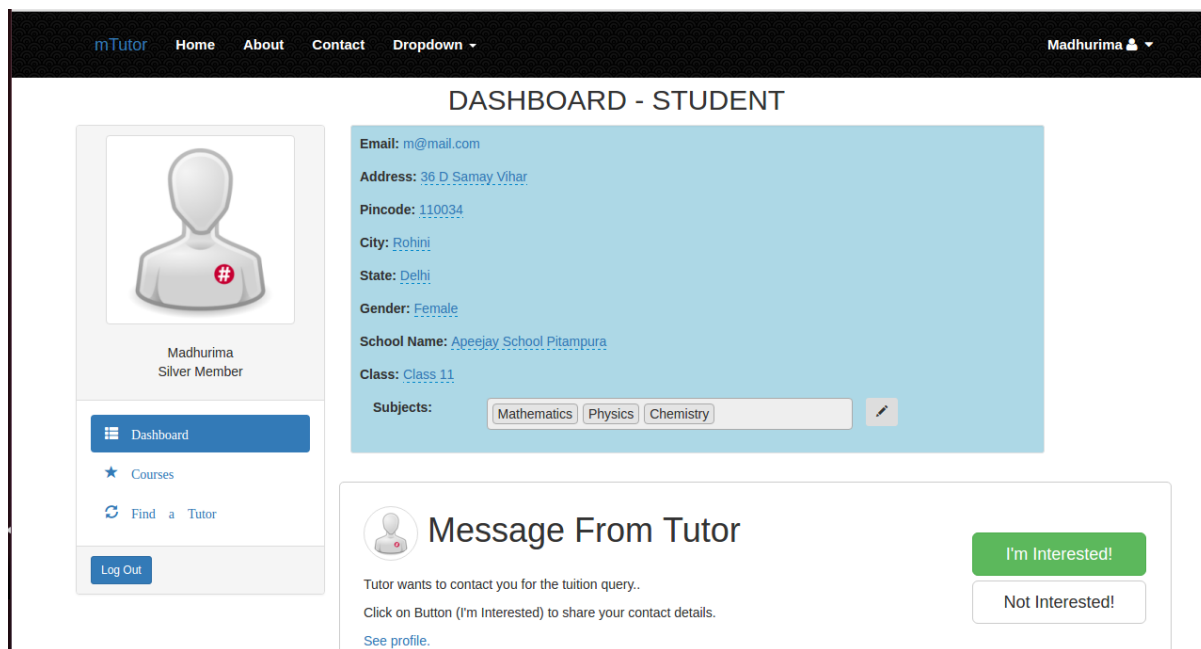


DESCRIPTION:

This is the first page which gets opened when a person goes to mTutor site. It uses basic template classes of Bootstrap to give a brief description about what mTutor is and about the well established platform it provides to connect a tutor to his or her student. A navigation bar is provided in the header section, where one can navigate to several other links.

DASHBOARD OF STUDENT

SCREENSHOT



DESCRIPTION:

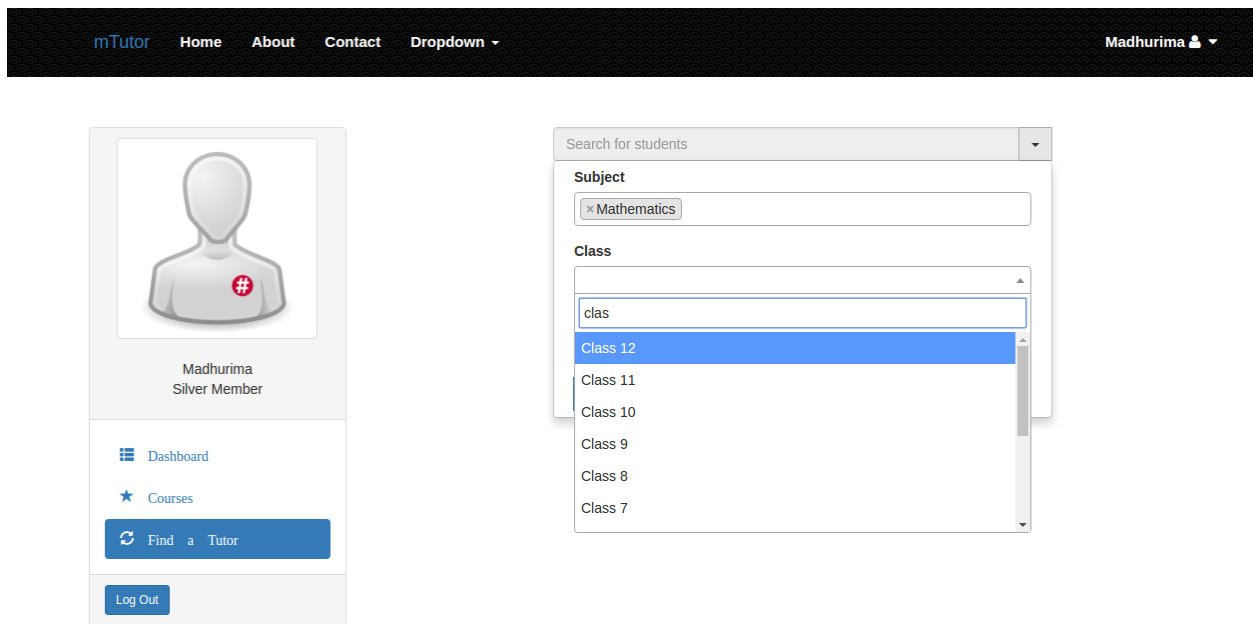
Student Dashboard is opened as soon as a student who has already set his or her profile has logged-in. A student is able to his/her private profile and could update it at any time he or she desires to.

"It's a Call To Action" is used for the replies of the messages a student got, when he or she had earlier sent the messages to the tutor. A list of links is provided in the side-navigation section and the student can easily navigate/search through them.

By clicking on the Sign Out button, a student logs out.

FIND A TUTOR

SCREENSHOT



DESCRIPTION:

A student can find a tutor by just mentioning his or her class and the subject for which he or she wants a tutor for. A database in MySQL is created which has a subject table, in which all the subjects are listed, and a class table from which the classes are listed. To make it user friendly, details are being fetched from the database by using PHP.

CONTACT US

SCREENSHOT

mTutor Project Home About Contact Dropdown Log Out

Contact us Feel free to contact us

Name
mishu

Email Address
m@mail.com

Subject
General Customer Service

Message
It is a really good site. Flourish it more :D

Send Message

Our office
MTutor Solutions
G-8 R G Complex-1
Prashant Vihar, Delhi
P: (91) 12456-7890
Full Name
first.last@example.com

★ Products
Product1
Product2

★ About
Our works
Partnerships

★ Support
FAQ
Contact us

Get in touch

Subscribe Newsletter
Email address

DESCRIPTION:

mTutor provides with a feedback mechanism. Anyone could feel free to contact and get acknowledged accordingly. A simple layout of the form is shown here.

Thanks for contacting us

Name
Enter name

Email Address
Enter email

Subject
Choose One:

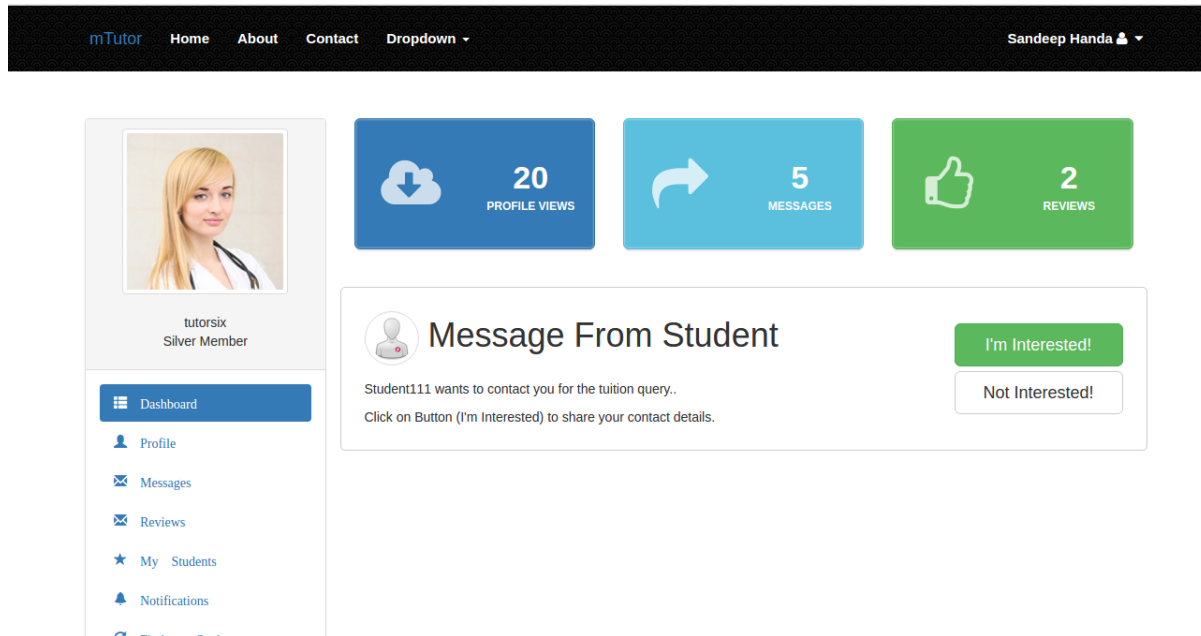
Message
Message

Send Message

Our office
MTutor Solutions
G-8 R G Complex-1
Prashant Vihar, Delhi
P: (91) 12456-7890
Full Name
first.last@example.com

DASHBOARD : TUTOR

SCREENSHOT



DESCRIPTION:

Once a tutor who has already set his or her profile has logged in, he or she will get this similar look dashboard on their screen. Notifications from the students would be present on his or her dashboard. The tutor can further reply to the students through the message module.

TUTOR'S PROFILE

SCREENSHOT

The screenshot displays the mTutor website's tutor profile interface. The top navigation bar includes links for Home, About, Contact, and a Dropdown menu, along with the user's name, Sandeep Handa. The profile page is divided into a sidebar and a main content area. The sidebar contains a navigation menu with options like Dashboard, Profile, Messages, Reviews, My Students, Notifications, and Find Student. The main content area shows the tutor's profile details, including a profile picture, name (tutorsix), and member status (Silver Member). The profile fields are as follows:

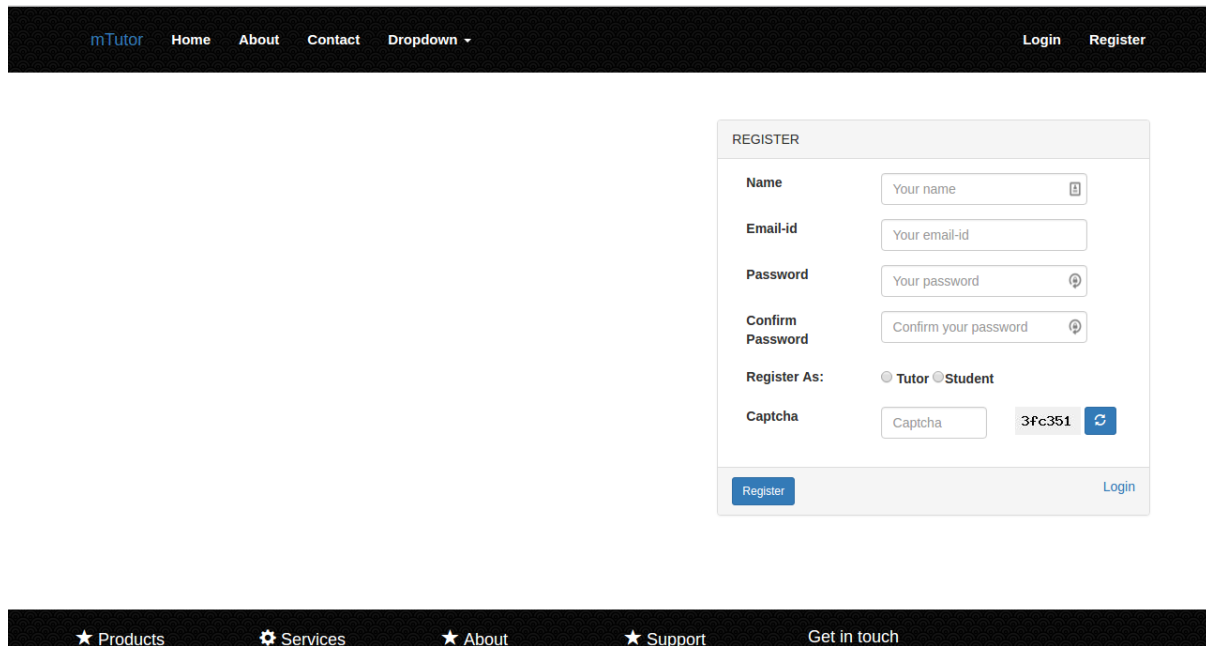
Field	Value
Email	a@b.com
Address	125 Agroha Kunj
Pincode	110085 (Rohini Sector 5 S.O, North West Delhi, DELHI)
City	Rohini
Mobile Number	992234568
Gender	Female
About	Jolly Nature Loves Teaching
Are you working	No
Are you a teacher	Yes
Job Details	Govt Teacher
Professional Qualification	Certificate in Cyber Laws
Professional Preference	
Subjects	Hindi, English, German
Classes	Class 3, Class 4, Class 7

DESCRIPTION:

A tutor has to set up his or her profile. Qualifications and academic performance of a tutor are very crucial. On these basis, a student will choose an appropriate tutor for himself or herself. The rank of a tutor is also affected by the profiles designed by the tutor. His preferences and time devotion are also taken into consideration.

REGISTRATION

SCREENSHOT



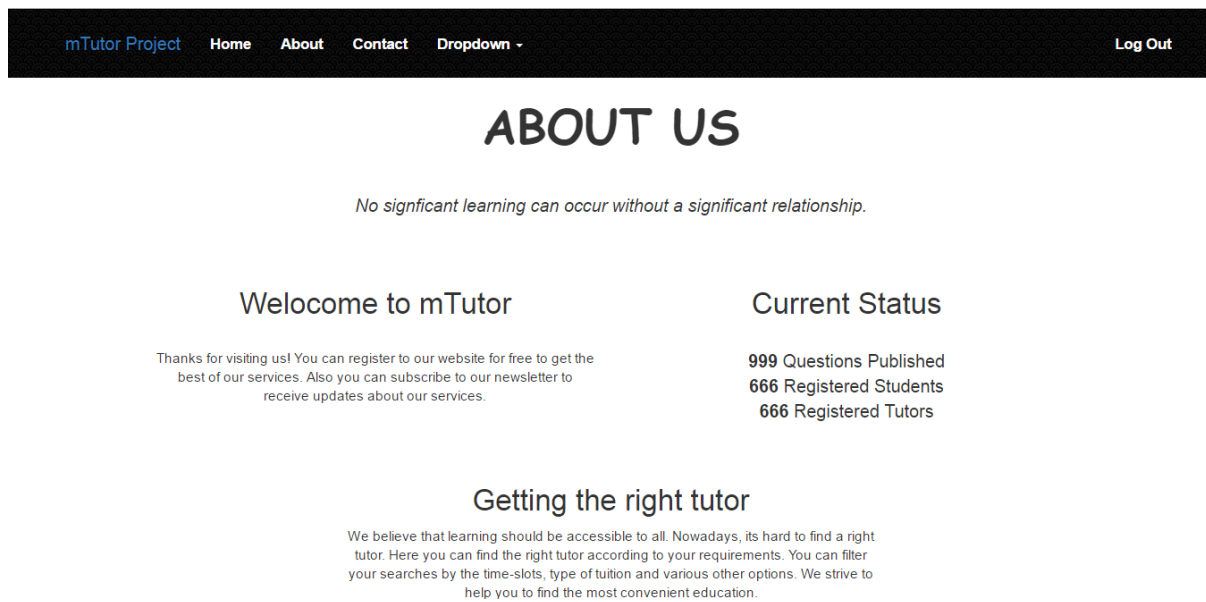
The screenshot displays the mTutor registration interface. At the top, a dark navigation bar contains the mTutor logo and links for Home, About, Contact, and a Dropdown menu. On the right side of this bar are links for Login and Register. The central focus is the 'REGISTER' form, which includes input fields for Name, Email-id, Password, and Confirm Password. Below these fields are radio buttons to select the user role as either Tutor or Student. A Captcha field is also present, accompanied by a refresh button and a CAPTCHA code '3Fc351'. At the bottom of the form are buttons for Register and Login. The footer of the page features a dark bar with links for Products, Services, About, Support, and Get in touch.

DESCRIPTION:

A simple registration form is generated. A user can register as a student or as a tutor. Moderator checks if the account is valid or not. A verification mail is sent to the user. If found valid, only then the account of the tutor or a student is activated. Front-end validations are also checked. By clicking on the register button, the form is submitted.

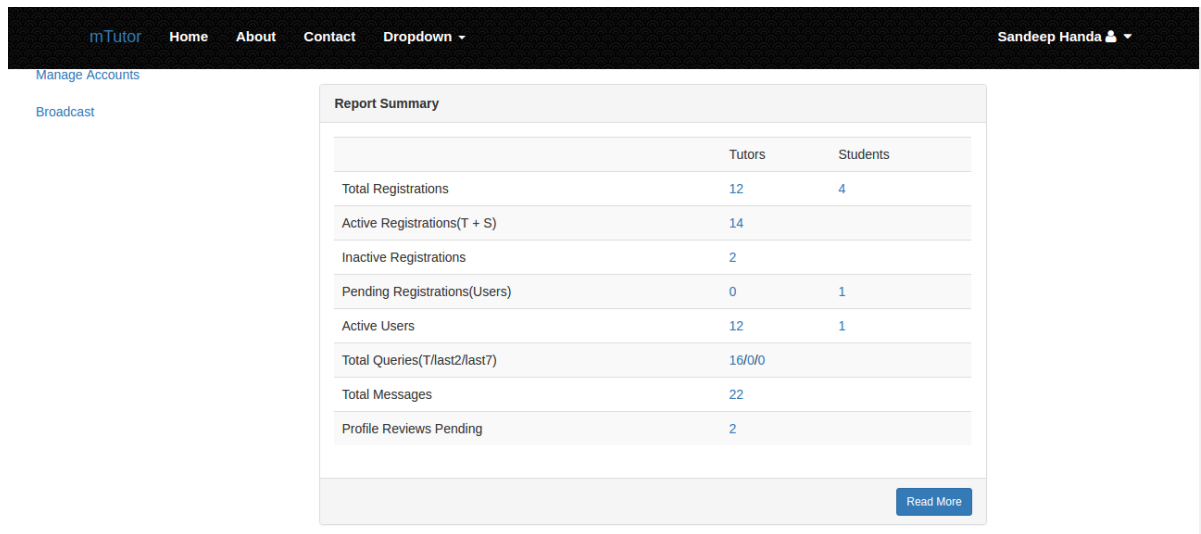
ABOUT US

SCREENSHOT



MODERATOR DASHBOARD

SCREENSHOT



The screenshot displays the Moderator Dashboard interface. At the top is a dark navigation bar with the 'mTutor' logo and links for Home, About, Contact, and a Dropdown menu. The user 'Sandeep Handa' is logged in. On the left sidebar, 'Manage Accounts' and 'Broadcast' are visible. The main content area features a 'Report Summary' table with the following data:

	Tutors	Students
Total Registrations	12	4
Active Registrations(T + S)	14	
Inactive Registrations	2	
Pending Registrations(Users)	0	1
Active Users	12	1
Total Queries(T/last2/last7)	16/0/0	
Total Messages	22	
Profile Reviews Pending	2	

A 'Read More' button is located at the bottom right of the table.

DESCRIPTION:

Moderator Dashboard is contained with the information which regulates user accounts, their registrations and queries. Moderator manages the messages regulation and the reviews implementation also.