



BHARTIYA VIDYA BHAVANS

SARDAR PATEL INSTITUTE OF TECHNOLOGY

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai

Software Engineering Lab

Group Members:

Shreya Shetty (2019140059)

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Experiment : 7

Aim: Version Control

Topic : Resort Property Management System

Problem Statement :

The main objective of this project is to build a resort management system that consists of all the features and functions required for effectively managing resorts and to have an online presence that makes the reservation process easier and delivers outstanding customer service. The Resort Property Management System will permit employees to manage the daily administrative tasks of the resort and ensure smooth functioning of the resort. As a solution to the large amount of file handling happening at the resort, this software will be used to overcome those drawbacks.

Github Link to Project : <https://github.com/Shruti022/Resort-Property-Management>

Navigating to the project directory

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ cd '/d/SEM 5/Projects/SEL/Resort_Management/Hotel'
```

Setting your user name and email address

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git config --global user.name "Shruti022"

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git config --global user.email "shettyshruti28@gmail.com"
```

Initializing Git

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git init
Reinitialized existing Git repository in D:/SEM 5/Projects/SEL/Resort_Management/Hotel/.git/
```

Adding Files

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git add .
```

Performing Commit

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git commit -m "Initial Commit"
[master dfc4493] Initial Commit
 2 files changed, 1 insertion(+)
 create mode 100644 .gitignore
 create mode 160000 Trial
```

Adding new origin remote

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git remote add origin git@github.com:Shruti022/Resort-Property-Management.git
```

SSH key















```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ ssh-keygen -t rsa -b 4096 -C "shettyshruti28@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Shruti/.ssh/id_rsa):
Created directory '/c/Users/Shruti/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Shruti/.ssh/id_rsa
Your public key has been saved in /c/Users/Shruti/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:9A9DvftZ/rrgkklXBaYcCx16CpoPlzm4viAks9P0c54 shettyshruti28@gmail.com
The key's randomart image is:
+---[RSA 4096]-----+
|          oo. o. |
|          ..+ = . |
|          . o o *  |
|          + = = . o o. |
| o.. = = S + . o.. |
| o= . = . +. . . |
| + o + o    ..= . |
| o o + .    + o . |
|    o.E      ooo. |
+-----[SHA256]-----+
```

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ cat /c/Users/Shruti/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQADHgtua3oipFIYT5eLtzhzvBbQO6HFox6n5fdYw+Jw0
huHBcdy7lWgB0wbT84EKs7BMTKZmcbpBttdRd/mcwFuxvV58TdKfDJkoZJWPx9zkkjxwMbUNm4TzM2o/
5adcBuP57mORQb0i1ek2AzQZ7Udz02Kbj1mNOzTfBxRKsp59xmi9S9fwmabpytlcogwdj1902Wbir9Sm
OSDLyKAVgO6BpejpdSM2dRgCo2248RpergiVOnde1/qC9xeC2xqZMIHXw4d0VleCCCs/BUGZIKR0zKXl
vVhwj6V0ek1k217Uy7HqDwkMmI3wI59C3m8522zPIG+h9IoB+/So5Nk2cBvQRdIOfB/twFggr6xHV7uc
MwUu0SFPxAXktL83bzxsbaJw3vbaSzzQuvafi5UQRh+OBbkG+CjUh4CDwzuox5inFeB4AMk4Xa9uX19
RcKvCEvgqXrUU52T8zw4l1j3CBIO+0ez6qSFr2UpI1FKx8ZHACBoeYXR0Cky6EMbbsbsi04nhHFwXxe/S
Naq86ZQVlKojd3oOM098ICgCeGZeC/fLJbPq+oz0xbzUzeT4qQtBPcSLGiCrZi7vLjyrVuNIGyzVOXdy
mbZOqbsNH/rQWjNlrcqNpNb3ujNpsXyvcMUBsSH2GfUUQMwaw16EA0aJ+YjyK850PIa991czv3xyjs+U
t0== shettyshruti28@gmail.com
```

Pushing the files to Github

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git push origin master
The authenticity of host 'github.com (13.234.176.102)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Enumerating objects: 140, done.
Counting objects: 100% (140/140), done.
Delta compression using up to 8 threads
Compressing objects: 100% (136/136), done.
Writing objects: 100% (140/140), 3.78 MiB | 214.00 KiB/s, done.
Total 140 (delta 14), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (14/14), done.
To github.com:Shruti022/Resort-Property-Management.git
 * [new branch]      master -> master
```

Files uploaded on GitHub Repository

	Shruti022 Initial Commit	dfc4493 17 minutes ago	 3 commits
	Trial	Initial Commit	17 minutes ago
	Try	Try commit	1 hour ago
	admin	First Commit	3 hours ago
	css	First Commit	3 hours ago
	fonts	First Commit	3 hours ago
	images	First Commit	3 hours ago
	js	First Commit	3 hours ago
	.gitignore	Initial Commit	17 minutes ago
	Information.txt	First Commit	3 hours ago
	db.php	First Commit	3 hours ago
	hotel.sql	First Commit	3 hours ago
	index.php	First Commit	3 hours ago

Git log command to show all the commits

```
shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel (master)
$ git log
commit dfc449319c074600dcf921fcd68abb59f1f914b7 (HEAD -> master, origin/master)
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 15:47:05 2021 +0530

    Initial Commit

commit 55bf9947fda0df745e135874f6e72ff03fa7df36
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 14:42:23 2021 +0530

    Try commit

commit 685617c18afcbbc12383d1c0e5f73750b952a2cf
Author: Shruti <shettyshruti28@gmail.com>
Date: Sat Nov 27 13:13:44 2021 +0530

    First Commit
```

Creating a new branch and merging it with master branch

```
shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git branch
* master
```

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git branch first

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git branch
first
* master
```

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git checkout first
Switched to branch 'first'
M       style.css

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(first)
$ git add style.css
warning: LF will be replaced by CRLF in style.css.
The file will have its original line endings in your working directory

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(first)
$ git commit -m "Branch Commit"
[first 00c8f64] Branch Commit
1 file changed, 4 insertions(+), 4 deletions(-)

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(first)
$ git log
commit 00c8f643fcadfa734c9bf8ac43cf0da3f93230ab (HEAD -> first)
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:12:31 2021 +0530

    Branch Commit

commit e54c7e86fe9be08037d64839fc5e68b2b9637fc5 (master)
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 14:44:57 2021 +0530

    Try_commit
```

```
Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(first)
$ git checkout master
Switched to branch 'master'
```

```

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git add style.css

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git commit -m "Master Commit"
[master 21327f3] Master Commit
1 file changed, 2 insertions(+), 2 deletions(-)

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git log
commit 21327f379e2c6635bf73ce52629a3774683c6240 (HEAD -> master)
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:16:18 2021 +0530

    Master Commit

commit e54c7e86fe9be08037d64839fc5e68b2b9637fc5
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 14:44:57 2021 +0530

    Try_commit

```

```

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git merge first
Auto-merging style.css
hint: Waiting for your editor to close the file...

```

```

Shruti@LAPTOP-MUBLQFQB MINGW64 /d/SEM 5/Projects/SEL/Resort_Management/Hotel/Try
(master)
$ git log
commit fe5b0f4c467795b92e25cdd5a72f743a7700c968 (HEAD -> master)
Merge: 21327f3 00c8f64
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:17:30 2021 +0530

    Merge branch 'first'

commit 21327f379e2c6635bf73ce52629a3774683c6240
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:16:18 2021 +0530

    Master Commit

commit 00c8f643fcadfa734c9bf8ac43cf0da3f93230ab (first)
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:12:31 2021 +0530

    Branch Commit

commit e54c7e86fe9be08037d64839fc5e68b2b9637fc5
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 14:44:57 2021 +0530

    :

commit fe5b0f4c467795b92e25cdd5a72f743a7700c968 (HEAD -> master)
Merge: 21327f3 00c8f64
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:17:30 2021 +0530
commit fe5b0f4c467795b92e25cdd5a72f743a7700c968 (HEAD -> master)

    Merge branch 'first'

commit 21327f379e2c6635bf73ce52629a3774683c6240
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:16:18 2021 +0530

    Master Commit


commit 00c8f643fcadfa734c9bf8ac43cf0da3f93230ab (first)
Author: Shruti022 <shettyshruti28@gmail.com>
Date: Sat Nov 27 17:12:31 2021 +0530

    Branch Commit

commit e54c7e86fe9be08037d64839fc5e68b2b9637fc5

```

Pull request merged

 Search or jump to... Pull requests Issues Marketplace Explore

Branch created.

Shruti022 / Resort-Property-Management Private

Watch 1 Star 0 Fork 0

<> Code Issues Pull requests Actions Projects Security Insights

shreya-branch 2 branches 0 tags

Go to file Add file Code

About

This branch is up to date with master. Contribute

Shruti022 Create README.md ab767ea 1 hour ago 4 commits

Trial	Initial Commit	2 hours ago
Try	Try commit	3 hours ago
admin	First Commit	4 hours ago
css	First Commit	4 hours ago
fonts	First Commit	4 hours ago
images	First Commit	4 hours ago
js	First Commit	4 hours ago

The main objective of this project is to build a resort management system that consists of all the features and functions required for effectively managing a chain of resorts and to have an online presence that makes the reservation process easier and delivers outstanding customer service. The Resort Property Management System will permit employ...

Readme

Releases

No releases published

Create a new release

Update style.css #1



Shruti022 wants to merge 2 commits into master from Shruti-branch-1

Conversation 0

Commits 2

Checks 0

Files changed 1



Shruti022 commented 2 minutes ago



No description provided.



Shruti022 added 2 commits 7 minutes ago



Update style.css

Verified

b0de55e



Merge branch 'master' into Shruti-branch-1

Verified

9bb492d



Pull request successfully merged and closed

You're all set—the Shruti-branch-1 branch can be safely deleted.

Delete branch

Milk

No




Link

Sto

Commit By Shreya #6

Merged shreyashetty2 merged 1 commit into `master` from `shreyashetty2-patch-1`  now


 Conversation **0**  Commits **1**  Checks **0**  Files changed **1**

 **shreyashetty2** commented 20 seconds ago  








No description provided.

  Commit By Shreya Verified 6e09bff

  shreyashetty2 merged commit **73ff166** into `master` now Revert
















 **Pull request successfully merged and closed** Delete branch

You're all set—the `shreyashetty2-patch-1` branch can be safely deleted.

 Write Preview H B *I* ≡ <>     @   ↩

Leave a comment

All the final commits

	Shrutii022 Merge pull request #7 from Shrutii022/Shrutii022-patch-2 	d856e0e 25 seconds ago	 48 commits
	Trial	Initial Commit	3 hours ago
	admin	Commit By Shreya	29 minutes ago
	css	Commit By Shreya	34 minutes ago
	fonts	First Commit	6 hours ago
	images	Commit By Shreya	22 minutes ago
	js	Update bootstrap-3.1.1.min.js	15 minutes ago
	.gitignore	Initial Commit	3 hours ago
	Information.txt	Commit By Shruti	42 seconds ago
	README.md	Create README.md	3 hours ago
	db.php	Commit By Shreya	32 minutes ago
	index.php	Commit By Shruti	39 minutes ago
	resort.sql	Commit By Shruti	38 minutes ago

Multiple branches were created, changes were made and then merged into the master branch

The screenshot shows the GitHub interface for the repository 'Shruti022 / Resort-Property-Management'. The 'master' branch is selected. The commit history for Nov 27, 2021, is displayed, showing a sequence of merges and commits. Each entry includes a description, the author, the time since commit, a 'Verified' status, a copy icon, a commit hash, and a code diff icon.

Commit Description	Author	Time	Status	Hash
Merge pull request #7 from Shruti022/Shruti022-patch-2	Shruti022	3 hours ago	Verified	d856e0e
Commit By Shruti	Shruti022	3 hours ago	Verified	e514192
Merge pull request #6 from Shruti022/shreyashetty2-patch-1	shreyashetty2	3 hours ago	Verified	73ff166
Commit By Shreya	shreyashetty2	3 hours ago	Verified	6e09bff
Merge pull request #4 from Shruti022/Shruti022-branch-2	Shruti022	3 hours ago	Verified	426d316
Update bootstrap-3.1.1.min.js	Shruti022	3 hours ago	Verified	bd3f765

CONCLUSION :

In this experiment, version control was implemented, performing various operations like commit, push and pull requests. We learnt that version control, also known as source control, is the practice of tracking and managing changes to software code and version control systems are software tools that help software teams manage changes to source code over time.