# First Install of Production or Acceptance Environment

### These steps must be followed in this exact order.

1. Create the carranker database.
2. Mkdir sitefolder in /var/www.
3. Execute command ‘chown {youruser} {sitefolder}’ in /var/www.
4. Execute command ‘git init’ in sitefolder.
5. Execute command ‘git remote add origin’.
6. Execute command ‘git pull origin master’.
7. Make apache configuration files for laravel and wordpress and edit these files to match the sites.
8. Rerun the letsencrypt command with the laravel and wordpress sites added.
9. Enable the new sites.
10. Enable header modifications with command ‘a2enmod headers’.
11. Restart apache.
12. Ask site owner for recaptcha key, secret and fixer api key.
13. Cp .env.example to .env file in sitefolder folder and fill in database credentials etc.
14. Execute command php artisan key:generate
15. Execute “composer install --no-dev --no-progress --prefer-dist” in sitefolder.
16. Browse to cms and install.
17. Execute command ‘chmod 777 -R storage’ in sitefolder.
18. Execute command ‘git reset –hard’ in sitefolder.
19. Run command ‘php artisan migrate’ in sitefolder.
20. Import the .sql files in database/sql-files in the order: makes, models, trims and profanities.
21. Add pages Home, Auth, Register, About, Contact, PHPinfo and OPcachereset.
22. Add menus navigationHeader with page Home as primary menu and navigationFooter with About and Contact as footer menu.
23. Activate Carranker Theme and set permalinks on Post name.
24. Activate plugins.
25. Add permissions to the role editor: create\_users, delete\_users, edit\_users, list\_users, remove\_users.
26. Enable cronjob with crontab -e: \* \* \* \* \* (cd path/to/sitefolder && php artisan getcmsdata).
27. Enable cronjob with crontab -e: 0,15,30,45 \* \* \* \* (cd path/to/sitefolder && php artisan getfxrate).
28. Repeat all the steps for the acceptance site with allowance for certain ips only in the main apache.conf file.
29. Run command ‘php artisan getcmsdata’ in sitefolder.
30. Run command ‘php artisan getfxrate’ in sitefolder.
31. Run command ‘php artisan passport:install’ in sitefolder.
32. Only locally: run command ‘php artisan dusk:install’ in sitefolder.
33. Assign user\_id to test account in table oauth\_clients for client with password\_client is 1.

# Testing

1. Create the testdatabase.
2. Execute unittests.sh for unit tests.
3. Execute featuretests.sh for feature tests.
4. Install phpunit 7.5.20 globally via composer
5. Execute wordpresstests.sh for feature tests.
6. Execute php artisan dusk for browser tests.
7. Execute ./jmeter -n -t CarRanker.jmx for stress tests.