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Subject code: 15MSSE36

Subject Name : ADVANCED WEB TECHNOLOGY

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COUNSE: MSC - SOFTWARE SYSTEMS

Semester: Y SEMESTER

PART-C

52. (1) STEPS TO CREATE A DJANGO PROJECT:

In the command prompt, enter the following commands.

1) python -- version

Step 2: pip -- version

step 3: alfango-admlr. --nerspon

TO have different Dargo configuration for different projects occare a violenal environment

Step 4: Pip install wintualenvuorapper-tulin (Install nintual environment)

Step 5: mkvirtualers sol (occating the nirtual environment for the Diargo project)

Step 6: prop metall plango (using prop package Django is installed)

Sept: djargo-admin -- newion

Orepe: create a folder meder myproject and multich to the

step 9: djargo-adrin start project bello

step to: open the created folder and run the command as python runsow manage. py nunsomer.

Drango App quatron.

Step 1: Go to myprogert folder and outs the command as usekan sdi

step 2: Enter the command python marage py star tapp hai

(Reason for creating vols.py where vols.py is the where vols.py is the where vols.py)

Where vols.py will noute the exact to where the project.

Step 4: creation of viceus py (Reason) - where the mentioned when in wells py must be written in the viceus py snorder to nowe the viceus to the well py.

Step 5: In hello-wols.py (hello-wols.py is wealed in the project creation) In which we need to include hal-wils.py. After Inclusion the hai-wils.py page will be displayed in the browner.

52 b) There are three classes into which the group of three different faitors that can be used to prove identity.

(1) Something you know

(11) something you have

(iii) something you are

something you know:

the most common example of something you know is parsured, PIN 04 pars photoss.

Something you have:

certificates, small cards or sewrity tokens.

something you are:

the third class of authentication factor is housed or something that is part of yours where examples over retiral pattern, hand geometry, fingerprivate, topography of face.

52c) sexton:

nteractions with the web application.

ARTHER that don't cover who anybody is, but which doesn't work for entrautive met application.

- * A modern web application needs a methanism but identifying the stream is request generated by each profinedual was somid the request from other was who are variety on at the same time.
- * Session provides that, and are very much like the mel equivalent of usuing an employee an AFID

acces to something. S.ESSIDN MANAGEMENT

not up other reason too, but thy make it easy for an attacker.

4- properly workigure how your cyplication will handle session working and session formalidation.

to applied to session state management.

HT porty to margate the ampart of other extraits.

Part-B

41. SVG is a language for desorbling 20 quaphores in XIV.

common 20 graphores, on the fly (with Javascurpt). SVG is

XHL based, which means that every element is amadiable

within the SVG com. convos is rendered pixel by

pixel.

42. Two types of Layout in Bootstrap cure

1) Fluid-Layout (class = "container-bluid")

2) Fried Layout (class = "container")

440 MERITS OF JQUERY:

- 4. Tyury is widely used. Ignily is quite popular with metire developers.
- *- promotes striplety.
- +. Oros wrouses compatibility.
- * pages hoad farter
- 4- werk less code, do more

45. ROLE OF CALLBACK FUNCTION IN AJAX:

a callback function is a function passed as a parameter to another function. I you have more than the AJan task in a mubsite, you should weath the function for executing the XMLHHPRequest object, and one callback function for each AJAX rask.

47- TWO-WAY DATA BINDING IN ANGULAR IS:

Data lunding is angular is is the synchronization between the model and view when data it the model changes, the wew suffects the changes, and when the data in the wew changes, it reflects in the model so not model and were are updated as well.

50- HTHI INJECTION:

ATTHE inferthen 11 an attack that is semilar to order- side artisting (xss). while in the xss mulnerability that altackers can inject and execute favors wift code. The HTHE injection attack only allows the injection by cortain HTHE tags, when an application clocked property hands user supplied data, our attacker can supply valid HTHE code, typically up a parameter value, and inject their own centert into the page.

43. JSON OBJECTS ARE DEFINED:

JSON objects one supervalue fairs. Key must be strings, and value must be a valid JSON data type string, rundon, object, array, boolean, mull) keys and values over seperated by a valid. Each key (value pair is separated by a valid. Each key (value pair is separated by comma (,).

46. rg-Show DIRECTIVE IN ANGULAR JS:

the ng-show directine shows the specified HTML element if the expression evaluates to true, otherwise the HTML element is hidden.

eg: <body rg-app>

490 SINGLE SIGNON:

single signon (sso) login nefous to when a user logs in to an application with a single set of credentials and is then automatioally signed into multiple applications. A very popular example of sso login is google's implementation for their software products.

48. ROLE OF DRM IN DJANGO:

one of the most powerful features of ofango is its effect reactional propper (DRN) which enables you to interact with your database, the you would with some the fact opengo's orn is gust a pythorical way to weath you to openery and manipulate your database and get results in pythoric bashion.