**Check list**

0. Share github

- Hello World module

- Example of using Registry, Session, Cookie

- Example of testing static file inheritance

- Example of template file inheritance

- Example of extending layout

- Example of overriding layout

- Practice <https://devdocs.magento.com/guides/v2.0/frontend-dev-guide/layouts/layout-practice.html>

- The website you have setup, configure layout, implement template detail, modules

**1. What is the best environment configuration for development ?**

### Developer Mode: vì nó hỗ trợ xử lý lỗi

**2. Describe role and purpose of each part in a Magento module**

**Block** – stores files that will ensure the interaction of the patterns (phtml from the View directory) with extension models or the whole system (optional directory).

* **Controller** – these files are responsible for the connection of the module with the outside world – i.e. switching on the module by clicking on an url. (Example site.com/extension/index/index – lead to the module controller. (optional directory).
* **etc** – contains the configuration files.
* **Helper** – contains the files that are responsible for performing general tasks for extension objects and variables.
* **Model** – contains the files that are responsible for connection with the database (optional directory).
* **Setup** – includes the files that are necessary to make changes in the database – i.e. creating tables, fields, or other records required for the module performance (optional directory).
* **Test**– contains the files that are necessary to perform the module test. (optional directory).
* **View** – includes the files that are necessary for information output on the frontend and backend.  Commonly these files contain html code (optional directory).

**3. How to pass a variable parameter value to template via XML layout?**

Use <arguments>

**4. Where can we find all actions we can use in XML layout ?**

In folder Block

**5. Difference between extending and overriding layout?**

**5.a)When we can't use extending ?**

nếu bạn cần thực hiện nhiều thay đổi hoặc nếu tệp bố cục chứa hướng dẫn mà t không thể thay đổi trong , a file extend thì tùy chọn duy nhất sẽ là ghi đè tệp đó.

**6. What is the** **chain of theme fallback/overriding in Magento 2 ?**

**7. Where to look at when the page is blank or have fatal error ?**

**Magent0 /var / log.**, xem file **system.log** and **exception.log**.

File trong computer Var/ log/apache2/ access.log and error.log

**8. Where to look at when we have a Magento error message?**

**9. Take a screenshot of the back trace data you got when you print magento back trace**

khi e sử dụng var\_dump( debug backtrace()) thì nó cũng bị treo máy. Cách để xem back trace là sử dụng debug để xem đường đi của code

**10. How to display all object data in Magento ? Can var\_dump() the object ?**

Khi e sử dụng var\_dump thì sẽ bị treo máy nên e chưa tìm đc cách để display

**11. How to use a class (dependency injection) in another class (block, controller, model)?**

Ta khai báo class đấy trong method construct () của class và gán nó vào 1 thuộc tính trong class. or sử dụng use

**use** Magento\Framework\App\Action\Context;

**public function** \_\_construct(

Context $context,

\Magento\Framework\Registry $registry,

\Magento\Framework\View\Result\PageFactory $resultPageFactory

)

{

$this->**\_registry** = $registry;

$this->**resultPageFactory** = $resultPageFactory;

**parent**::*\_\_construct*($context);

}