Interface FeedBackPersistence->class FeedBackPersistenceImpl

class FeedBackPersistenceImpl **implements** FeedBackPersistence

so it is the responsibility of class FeedBackPersistenceImpl to override and give body to all the methods present in FeedBackPersistence

interface -> FeedBackLocalService

//all the methods are public abstract(no implementation just declaration)

methods -> public FeedBack addFeedBack(FeedBack feedBack);

public FeedBack createFeedBack(long fid);

public FeedBack deleteFeedBack(FeedBack feedBack);

public FeedBack deleteFeedBack(long fid) throws PortalException;

public FeedBack updateFeedBack(FeedBack feedBack);

class -> class FeedBackLocalServiceBaseImpl implements FeedBackLocalService

//providing default implementation to abstract methods

methods -> public FeedBack addFeedBack(FeedBack feedBack){}

public FeedBack createFeedBack(long fid) {}

public FeedBack deleteFeedBack(FeedBack feedBack) {}

public FeedBack deleteFeedBack(long fid) throws PortalException {}

public FeedBack updateFeedBack(FeedBack feedBack) {}

(Local Service)

class -> class FeedBackLocalServiceImpl extends FeedBackLocalServiceBaseImpl

//Recommended to Overview and give our own implementation

(Override or overload)

methods -> public FeedBack addFeedback(FeedBackDto feedBackDto) {}

public FeedBack deleteFeedBack(long fid) throws PortalException {}

(Remote Service)

class -> class FeedbackServiceImpl

methods ->@JSONWebService(method="POST")

public String addFeedback(String feedback) throws PortalException{

JSONObject createJSONObject = JSONFactoryUtil.createJSONObject(feedback);

System.out.println("to String ");

System.out.println(createJSONObject.toString());

Feedback feedbackObject =

feedbackLocalService.createFeedback(CounterLocalServiceUtil.increment(Feedback.class.getName()));

feedbackObject.setName(createJSONObject.getString("name"));

}

@JSONWebService

public List<Feedback> getAllFeedback(){}

Note: Service builder generate some code with default implementation ie

Interface FeedBackLocalService , class FeedBackLocalServiceBaseImpl implements FeedBackLocalService and provides default implementation for programmer.(under the control of service builder liferay)

But it is recommended to our own implementation in FeedBackLocalServiceImpl class (under the control of programmer)

If programmer does not give its own implementation then method of class FeedBackLocalServiceBaseImpl will be called else if we give our own method implementation then methods of class FeedBackLocalServiceImpl will be called

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(Remote Service) FeedbackServiceImpl ->(Local Service) FeedBackLocalServiceBaseImpl /(OR) FeedBackLocalServiceImpl -> (Persistence layer) FeedBackPersistenceImpl implements FeedbackPersistence

Remote Service -> Permission checking (Service Access Policy)

Local Service ->no permission checking

PostMan | Reactjs | Angular |Browser -> will call Remote Service FeedbackServiceImpl ->will call (Local Service) FeedBackLocalServiceBaseImpl /(OR) FeedBackLocalServiceImpl ->will call (Persistence layer) FeedBackPersistenceImpl implements FeedbackPersistence

OR

Jsp | Controller | Portlet ->(Local Service) FeedBackLocalServiceBaseImpl /(OR) FeedBackLocalServiceImpl ->(Persistence layer) FeedBackPersistenceImpl implements FeedbackPersistence