**Add Form**

* If patient already exist then system will response that “Patient\_Already\_exist.”
* Check patient already exist by, Name, Patient id, DOB by using “sp check if Patient Exist” stored procedure.
* If patient id greater than zero. So, application will return follow messages
* Error Status
* “Patient\_already\_Exist” message.
* Already existing patient id.
* Check if patient info model “ORM\_Save\_Patient” is not null using wrapper-object.getPatient ().
* Check if patient picture is not null and empty then save the image in directory\\ +practice Id+\\patient image\\folder. Document path get by using “GetDocumentPathbycategory” method from general
* Putting Patient Info from wrap-object to ORMSavePatient model on next line and also set modified date.
* GeneratePatientId using db.idgenerate to “Patient” according to patientid and alternateid as well then createdate and save them in “ORM\_Save\_Patient” model.
* Check for if pic exist then also save name and path on “ORMSavePatient”.

**Patient Insurance**

* Check If getlistPatientinsurance () is not equal to null then setmodifieddate in “ORM\_Save\_Patient\_Insurance” model.
* If PatientInsuranceId equal equal to null or less than 0 then generate PatientInsuranceId using db.IDGenerator from “PatientInsurance” table, and also set createddate.

**Patient Race Ethnicity (also use loop for multiple).**

* If Patient get list-race-ethnicity not equal to null then set modified date.
* If patient Race Ethnicity and null then generate id from “Patient\_Race\_Ethnicity” and created date and set in “”ORM\_Save\_Patient\_Race\_Ethnicity.

**Patient Next Of Kin**

* If getNext\_Of\_Kin\_Id is null or less than 0, then generateid from “Patient-Next\_Of\_Kin” created date set in “ORM\_Patient\_Next\_Of\_Kin” model.

**Patient Care Team**

* Use loop for multiple care team
* If patient care team not null then loop will work, first set modified date.
* If patient id is null then in “ORM\_Save\_Patient\_Care\_Team” then first set Patientid.
* If teamid is null in “ORM\_Save\_Patient\_Care\_Team” then first generateid and setcreateddate as well table “PatientCareTeam”.

**For Patient Care Team Member for new team.**

* Use loop and set modified date and then generateid in”careteammemeber” also set created date.

**For existing PatientCareTeamMemeber**

* Using loop if teamid is not null then check if patientid is null in “ORM\_Save\_Patient\_Care TeamMemeber” then set patientid also set modified date.
* If teamid is null then generateid and setid then createdate as well.
* If getlistcreatedid not null then using for loop and switch by “ORM KV” model and getkey () to check case and respective query in wrapper.
* At the end savealldata using db.addupdateentitywrapper(wrapper-obj);
* If there is any error then show error status and message “anerrorroccured” while saving record otherwise show success status and message “data has been saved successfully”.