Add new event

Step 1-7 happens in FRONT END
Step 8-13 happens on EACH receiver

Add new event

1. Make sure the data received from admin/event creator is valid
2. Insert into local db (without UUID)
3. Receive 'localEntityId'

4. Post HttpRequest:*

createUuidRecord
+localEntityId
+Entity_type
+Source

*: 'localEntityId' is the id from the record you insert for this new Entity,
'Entity_type' is the type of user (entity?) inserting the new record,
'Source' is the team where the message is coming from (Front-End in this case)

5. Receive eventUUID => update local DB

New event in FE
+idEvent
+EntityVersion
+Status
+Timestamp
+eventUUID
+eventName
+maxAttendees
+description
+summary
+location
+contactPerson
+dateTimeStart
+dateTimeEnd

local SQL

3. update local db with UUID

UUID Master

1.Insert into

2. createUuidRecord

Front-End:
New Event

Receiver_CRM

4. Form XMLmessage String for new event
5. Send XMLmessage to the exchange

rabbitExchange**

Receiver_Planning

This happens in FRONT END

Receiver_Xxx

6. Form XML message from the new event object

7. Send it to 'rabbitexchange'

New event added (locally)

1. Event is added on the Front-End and on the UUID master now
2. Front-end has send an xml eventmessage to the exchange containing the new event's info

**: this is the exchange on our RabbitMQ server
http://10.3.50.38:5672/

8. Receivers interested catch the eventmessage

9. Transform the xmlMessage into a event object

10. Insert the object into the local database on the receiver's server

11. Receive 'localEntityId'

12. Post HttpRequest: ***

***: 'eventUUID' is received from Front-End's XmlMessage
'localEntityId' is the id from the record you insert for this new Entity,
'Entity_type' is the type of user (entity?) inserting the new record,
'Entity_version' is the version of this record
'Source' is your Team's Source_type

insertUuidRecord
+(event)UUID
+localEntityId
+Entity_type
+Entity_version
+Source

local SQL

1(10).Insert into

UUID Master

2(12). insertUuidRecord

Receiver_Xxx

13. ... Team specific actions

3(13). ...

...Team Specific Actions...

UUID Master + others:
up-to-date