

IPA 1 – Identifying Business Rules, Entities, Attributes and build ERD

Business Rules

1. All scheduling must go through DPS and the DPS assigns the finger print capture location according to your current address (your costumer must be scheduled through the DPS, walk-ins are not accepted) Each applicant must have scheduling info.
2. Each service location (like yours) has a service code, contact information, date of service and tax ID
3. Locations must have scanner to scan required documentations for uploading
4. Some of the information must be kept in a local database for redundancy (government requirements, such as date of finger print service, gun owner's driver license information including DL issue date and expiration date high, sex, eyes color and restriction if there is any)
5. Gun owners may apply for their initial license and/or renewal, the renewal process does not require finger prints or photo however, license fee and proof of residency are still required
6. Proof of residency can be any bill that shows the requester name and address (must be the last 3 months). Example, last 3 phone, water, electric, gas, internet, etc. bill)
7. Each applicant must pay fee with check (checking account information is required) no cash or credit card will be accepted
8. Each applicant must have valid state ID with current address and contact information
9. Service locations must keep record of check, bank information and provide payment confirmation to gun owner.
10. Service locations may deny service to gun owner

Additional Business Rules

11. Each applicant must be over 21 years
12. Each Applicant must be assigned only one service location
13. A customer can-not fill more than on application for a service
14. Every Zipcode must have a service location
15. Applicant must be a resident of Texas State
16. Applicant must have valid email id
17. Applicant must have valid phone number
18. Applicant must fill 1 application to get an appointment scheduled
19. Applicant can not fill an application on behalf of others
20. An existing gunowner can only apply for license renewal when the expiry date is past date with respective the schedules service appointment date. (Expiry Date < Appointment Date)
21. If the applicant fails to show up on appointment date at the assigned location, a no show penalty fees will be applied.
22. The fee for new and renewal license, should be done with in 10 days after the fingerprint has been collected at the service location.
23. Appointments will be scheduled from 9am to 5pm
24. Service locations will be open from Monday to Friday. Service will be unavailable on weekends
25. Rejected candidates cannot apply for license for next 180 days
26. Applicant must present all the documents to get gun license
27. Only one photo must be taken per applicant
28. Both left and right thumb impression must be recorded

- Entities (Applicants, Applications, Appointments, Locations, Payments, Gunowners, Documents, Gas, Electricity, Internet, ApprovedApplicants, RejectedApplicants, Fingerprints, Photos, LicenseInfo,)

