* Teaching better driving skills
* Help young people better understand road safety
* help everyone be on the same page with most update training and rules
* work with the DMV to stay compliance with any changes that happen
* To fill a empty spot in the market..
* Driverpass wants a system that new drivers can take online practice tests
* Be able to reservation by phone call or online and include time and day
* Show on the road test result from practice
* Able to study from anywhere online as well as put in notes
* Allow identify the driver and the customer they are paired with.
* The website needs to show the following thing:
  1. Driver notes
  2. Online Test Progress
  3. General information of the student
  4. Specials needs if any
  5. Driver photo
  6. Student photo
* The system needs to have flexible
* Users need to be able to download some content for offline uses
* Users are able to update with the reservation and cancelled appointments
* Notify the driver and the customer of time and place of practice
* Able to run on the cloud
* The testing progress will show the following:
  1. Times taken
  2. Score
  3. Status
  4. Passed/Fail/In Progress
  5. On route to pick up
* users input where the student/secretary fill in their general information:
  1. First name
  2. Last name
  3. Address/zip code
  4. Payment
  5. Pick up time and date
* how often should we be updated regularly if
  1. Security Update/ daily
  2. Reports of Crash and construction/ daily
  3. General Updates/ weekly
  4. I only update when there are new rules and regulations for the DMV.
* The system needs to be light enough to where if information is updated on a 10-minute base and able for the web browser and all the applications as show the update as well
* the information need be accessed from anywhere at anytime
* only a few platform constraints that we would need to worry about like
  1. How many users are we looking that are going to be Web Browser, mainly HTTPS , Java or flash is being used?
  2. What kind of mobile phone is being used and what is the average storage for that mobile phone.
* The end will be set up. To house all the. Web based data along with the SQL and personal information. Along with where mobile phone application storage can also be housed and pull the data from so that way we have. Less overhead and storage. But this being said, then we can put. All of. The browser based data be pulled from the web. To the mobile app.
* Each user will have a unique identification. Password. And username. To be able to log into the system. For their accounts.
* The input will be case-sensitive and a minimal amount of 8 letters and two number
* Three wrong attempts will send signal to the system and that will lock the user out until one of the follow happens
  1. Inform the Admins an attempt that is invalid.
  2. Sends a request for password Reset do they user or the admin while the account is still locked.
  3. Request the user ID to answer two set Security Questions that the user made before unlocking
  4. Adding Code
  5. Removing Code
  6. Modifying Code
* The platform updates will be handled by system admin
  1. Rolling Out IOS Updates
  2. Rolling Out Android Updates
  3. Temporary bring the web service down. To do all major updates. During non crucial times.
  4. The system admin. will have the to access certain pieces of the source code. To correct any issues during a downtime or a bad update.
  5. Access to the Source Code
  6. To Modify Code
  7. To push the new regulations and laws passed for the DMV into the system
* The log in will be secure with the following in place
  1. User Will Need Username and Password
  2. Advise the User When Network is Not Secure
  3. Notify the user by email or text that the account is in use and the as well admin If an account is being hacked or under attacked. Here the case of a brute force hack will be reported to the admin and the user will be logged out and account locked and If the attack is bad enough the servers will lock and drop all incoming data to a dummy server to prevent any long-term damage and start a sweep to of the severs to see what they might have gotten and call the cops.
* Now for user that forgets their password or username, they can
  1. Answer Security Questions That Have Preset Answers
  2. Reset Their Passwords
  3. Contact Support via Phone Number
* check user credentials when logging in.
* The system shall update any documents and information between all platforms.
* The system shall allow one reset of a password per day before locking the account.
* allow information to be modify on any platform.
* Show tell the progress of the class and hours logged.
* Show with updated with any new regulation or laws.
* show online test progress as it happens
* show and display user information.
* The user interfaces will depend on what platform is being used like a browser or mobile phone.
* the mobile user interface will use the touchscreen
* now on every interface will display:
  + 1. progress report have and have a select function for week and day.
    2. Have a drivers report that displays how many mistakes he or she made during the trip
    3. Student non personal information just first and last name.
    4. Have special notes for the driving instructor in case he or she has any illness or health conditions in case of emergency.
    5. a photo of the drivers licenses with ID number.
    6. Have a photo of the student driver.

* The only assumption I am making is that they have the compatibility to log on to a computer and have Internet connection even though it's rare this can happen in the middle class.
* Screen size can be a big limitation as far as technology goes along with budget since it'll take more time to code a whole another platform too makes it fit on a smaller smartphone than it will a desktop or a laptop.
* I do not foresee any problems with the budget overall the idea encoding is fairly straightforward and as long as bugs do not occur during the testing phase, we should be on point with the budget with some money to spare.
* Currently there are no technological roadblocks or limitations on the development side on the user side there could be some issues where a customer may not have readily available Internet connection through them and or their current hardware to be able to access our information because we need to have up-to-date security.
* While we usually think there are no limitations when it comes to smartphones and regular computer devices there may be an issue of storage on some smartphones because the applications are so big and computers which are expensive and in some cases, people are not able to afford them and are using out of date software which we have to be careful of since this can lead to a backdoor into our system.

Chart

Description automatically generated with medium confidence