

Pencil App Base:

<https://drive.google.com/file/d/12Vr0xN1Z6-Fuajqj5HBh6N6GWYuZA37F/view?usp=sharing>

Pencil Combined v1:

<https://drive.google.com/open?id=1fRXJwPDZcZy2MRUXSw6bkvXTTqOJ0sUD>

Individual Submissions for v1:

Luther: <https://drive.google.com/file/d/1BCms-WBRjlvQqZ0h-LjKYVnVtWJHAvLN/view?usp=sharing>

Jesus Serna- [https://drive.google.com/file/d/1V04\\_Jjk7rqcRuOb3y4\\_oCOgU8PQuheVg/view?usp=sharing](https://drive.google.com/file/d/1V04_Jjk7rqcRuOb3y4_oCOgU8PQuheVg/view?usp=sharing)

Gio Ospina - something light

[https://drive.google.com/open?id=14VbVQul\\_JVI7Q3wGo-vdfmVVVSP9Bnk2](https://drive.google.com/open?id=14VbVQul_JVI7Q3wGo-vdfmVVVSP9Bnk2)

Anthony Hsu

<https://drive.google.com/open?id=1PRDVkUEgGd0euuYHYvSD9IRFoGlojpTU>

Corey Myers

<https://drive.google.com/open?id=1vmluGVf89RGhsBqBOon65kxDhvc8jb9o>

Zack Diaz

[https://drive.google.com/open?id=1NAEyw1kFEg\\_D1u73BF\\_VZJr7UiPXuO3a](https://drive.google.com/open?id=1NAEyw1kFEg_D1u73BF_VZJr7UiPXuO3a)

Pencil Rider:

Pencil Driver:

Group: #A

### **Personas, Goals , requirements and context scenarios**

Persona 1 (primary audience):

- Student with no car or reliable transportation
- Someone that is currently using the RVCC bus transportation or arrives on foot.
- Someone using someone else's transportation but the driver can only pick them up/drop them off/ or pick them up extremely early or extremely late. i.e. inconvenient
- Daily users that needs rides within the week. Developing a schedule that works with the driver to arrive and leave school at the same time (if necessary).

Persona 1.5:

- Does not have transportation reliably and is in need of mobility for work or life in-general
- May not be requesting rides to home and school ONLY. May request to their place of work, or the mall, or their friends house, etc.
  - RVCC is the place of origin or destination mandatorily

Persona 2:

- Student in need of an emergency/last minute ride
- Has a car but had a breakdown or another car emergency and needs a ride for a temporary time period

- Users that rarely use the application and can contact a rider that will be able to take them to school on time.

#### Persona 3:

- Driver (volunteer) - Can Drive to school, can drive from school
- Able to pick up students in their area or on their way to RV.
- Carpooling for the sake of good will and morality
- Motivated by the "C.R.A.P" that is the US education system and the increasingly large gap between the rich and poor and their abilities to get ahead
- Community Service Hours

#### Persona 4:

- Driver (entrepreneur)
- Able to pick up students in their area or on their way to RV.
- Able to receive financial aid or paid somehow to accommodate for gas and ride services.

#### Persona 5 (fringe):

- Does Not need a ride however wants to conserve gas and reduce-*reuse-recycle* emissions by carpooling

#### Goals:

Provide a functional network transportation to the RVCC student body.

Provide reliable and safe transportation to get students to school on time.

Protect USER DATA. DON'T GIVE DRIVERS PEOPLE'S ADDRESSES UNLESS THEY FEEL COMFORTABLE.

#### Restrictions of use:

- Staff- due to pre-existing rules of professors providing transportation for Students
- Non students- those without an active G#

#### (Extra long term ideas):

- Ability to track gps on both phones to prevent ride fraud. Issue of siblings will need to be addressed separately.
- Include background checks on driver and driver's vehicle.
  - Automatic check against RVCC records for the G# and related info. If red flag, get check from admin/ manual review.
  - Auto run background check and plate check.
  - Must attach picture of proof of insurance
- Both users need to be running the app while the ride is in progress to track.

- Have a way for drivers to report themselves in an accident so that they can be replaced at that moment (Recycles ride request, Alert professor)
- Rates and reviews for drivers.
- One Way or Round Trip
- Chat built-in
- Safety Warnings for each ride
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#### Context Scenarios:

1. Luther wakes up at 7AM and has a class that begins at 9AM. He has figured out that he does not have a ride to school and needs to find a way to school in order to attend class on time. He opens up the RVCC CarShare application and begins to request for a ride by inputting his desired pickup time and destination. As he casually waits, a driver will agree and a push notification will notify the Luther about it.
2. Esteban Julio Ricardo Montoya de la Rosa Ramirez is beginning his first semester at RVCC. Due to him living so close to his High School, he never needed a ride as he enjoyed the walk. As RVCC is a journey from his house, he is in need of stable transportation to and from school. He inputs his weekly schedule of the entire semester. This data will be stored to allow drivers to determine which users that are able to take. Esteban Julio Ricardo is looking for round trip ride, so by having his times in the database, drivers can determine whether or not they can take Esteban everyday of the week, or only one or two days. Esteban is informed on which days are covered and which days are not. This will allow Esteban to get to school and back home reliably and on time.
3. "Mountain Slayer, Thunder Lion, the Chocolate Axe" (Tiffany) is in a night class and doesn't get out until 9:20 PM. He got dropped off at school but doesn't have a ride home. He opens up the app to receive a notification saying he's been chosen by a driver. He sends back a message to where to meet him and then they go off on their destination after class.

#### Register New User Info:

- Tap “Register” on boot screen
- Register
  - As Rider and Driver
    - Combine and remove duplicates of registration for both individual account types
  - As Driver Only
    - Name
    - G#
    - Phone Number
    - Vehicle Make and Model and Year, Color
    - License Plate #
    - Home address
    - Limiting Number of riders
    - Proof of Insurance
  - As Rider Only
    - Name
    - G#
    - Phone Number
    - Home Address
    -

#### Existing User:

- Tap “Login” (hide account type option for accounts that are only registered as one type)
  - As Driver
  - As Rider

## V1 Presentation Ideas:

Recent People for Drivers

Rating System concerns

Distance Limitations off routes for scheduled routes

- Extra miles on route
- Radius based off route path

Rating expiration?

Numbers(-100 to 100) vs slider(average of all slider positions; not based off a master key) vs words(Sir Suck, Madame Magnificent, Acolyte Average)

Avatar/Profile pic. Preset images. Profile Picture must be approved by admin before account completion/approval (before any services can be used/ rendered)

Logout

Scribe Notes:

We're perfect

This ^

Report button for profile pictures

Menu

Accept Rider

To RV / From RV toggle for riders.

CHANGE SPEED TO PUNCTUALITY