

Best Hikes

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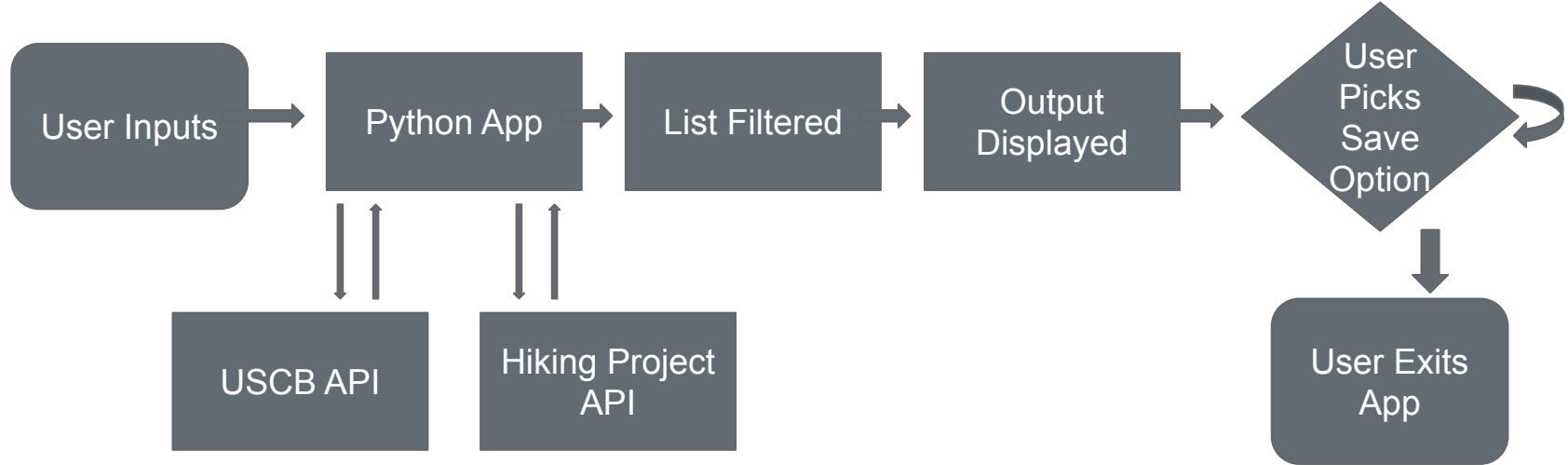
Problem Statement

Novice hikers need a way of finding quality hikes with appropriate difficulty levels, so that they can easily find an enjoyable hiking route and feel more confident about getting on the trail.

Novices Need:

- Consolidated Info
- Standardized Terms
- Noise & Complexity Reduction

Proposed Solution



Demo

```
Hey, I'm stoked that you want to go hiking. Let's find you the best route!
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```

```
I'll need your basecamp location to find your best route.
```

```
What's your street address? (Ex: 123 Main St): 40 W 4th St
```

```
How about your zip code? (Ex: 10013): 10012
```

```
Let me check my map and compass and see if I can find you...
```

```
Great, I found your starting point! I'll start my search from: 40 W 4TH ST, NEW YORK, NY, 10012
```

```
On a scale of 1-5, a '1' would be something like a stroll in the park and a '5' is probably better left  
to more experienced hikers and backpackers. What difficulty level are you interested in?: 3
```

```
Okay, I'll look for something with a difficulty rating of 3 out of 5
```

```
Just how many miles would you be willing to travel to find the best route? 30
```

```
Okay, just a sec while I try to find something awesome for you.
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```
There's 38 trails that meet your criteria!
```

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```

```
I found a great hike for you! You should check out: 'High Mountain Preserve Loop'.
```

```
The route is 8.1 miles long and is located in North Haledon, New Jersey.
```

```
The community has given this trail 5 out of 5 stars.
```

```
Here's a summary of the trail: Climb to top of High Mountain to see NYC skyline in the distance, then re-  
turn to the gullies and woods of the preserve.
```

```
Select 'More' for additional options or 'Next' to see the next hike that met your criteria.: more
```

```
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```

```
Awesome, I'm really excited that you found a hike you like! I've got a couple of options you can choose  
from now:
```

```
Web - View more about the hike you selected on the Hiking Project Website
```

```
Email - Send an Email with info about your selected hike
```

```
CSV - Save a list of all of the hikes that met your criteria to a CSV file to your local drive
```

```
Exit - Wrap it up and hit the trail!
```

```
So go ahead and please choose: 'Web,' 'Email,' 'CSV,' 'Exit': |
```

Reflections

- Multiple Levels of List Comprehension
- Too Many While Loops
- API to API

Next Steps:

- Incorporate Flask
- Add More Filter Criteria
- Replace USCB API for More Flexibility

Questions?