

Intripid

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Heilmeier Questions

1. What are we trying to do?

- **Interactive** web app for planning a road trip
- Take in user-inputs to **personalize** the experience
- **Optimize** trip for time, cost, and enjoyment

2. How is it done today?

- Each feature of Intripid can be done by separate services
- Algorithmic complexity limits **scalability**
- Research topics in **literature survey**

Heilmeier Questions

3. What's new in our approach? Why will it be successful?

- Compiles multiple services
- **Simplifies** user experience
- Expected product **innovation**

4. Who cares?

- **Anyone** interested in planning a road trip

5. If we're successful, what difference and impact will it make, and how do you measure them?

- Simpler, **less stressful** trip planning
- User studies

Heilmeier Questions

6. What are the risks and payoffs?

- Risks: None
- Payoffs: Easily monetizable; technical/product development **skills**

7. What are the costs?

- **Time** of group members
- Scaling up (more API calls, web hosting, etc.)

8. How long will it take?

- Beta version at conclusion of project (**7 weeks**)

Heilmeier Questions

9. What are the midterm and final "exams" to check for success? How will progress be measured.
- Midterm: accurately planning a route that integrates API metadata
 - Final: customizable user profiles and creating a comprehensive user interface

Plan of Activities

Sarah

- Routing algorithm (3 weeks)

Erik

- Data collection / API integration (4 weeks)

Nick

- Interactive UI (5 weeks)

Will

- Data collection / API integration (4 weeks)