Team Number <2>
Sprint 1 Retrospective Agenda & Notes

Scrum Master: <Gabe>
Note Taker: <Josh>

Reflections on Process, People, and Tools [15 mins]
Each person takes a turn stating their observations and opinions ***without being interrupted***.

- What went well:
  - Good actual codebase/tests
  - Good communication and division of tasks

- What didn't go so well:
  - Time estimates, we underestimated most of the cards we worked on for this sprint, led to us getting less done than originally planned
  - Needed to be a little more clear in standups at end of class
  - Make more concise and specific cards (User Class card was actually User, Flight, Ticket, Trip, and all associated testing)

- Ideas for how we could do better next sprint:
  - Plan time estimates better, account for things to take longer
  - Be more clear in our standups so everyone knows what's happening on a given day

Data on Time Estimates and "Waste":
Per Card (one line per card, calculated from Scrum board):

Team member	Card #	Done?	Hours planned	Hours logged	% inaccurate (+/-) ((l - p) / p)*100
Josh	7	Y	1	2.5	+ 150%
Saul	2	N	2	N/A	N/A
Josh	8	Y	2	3.5	+ 75%
Tim	9	Y	2	3	+ 50%
Gabe	36	Y	1	1	0%
Gabe 35	35	Y	2	3	+ 50%

Per member (one line per member, calculated from table above):

Team member	Sprint hrs planned for all done tasks	Sprint hrs logged for all done tasks	% inaccurate (+/-)	Sprint hours “wasted”
Josh	3	6	+ 100%	3
Gabe	3	4	+ 33%	4
Saul	2	5	+ 250%	3
Tim	2	3	+ 50%	1

Team totals (one line, calculated from table above): 5 mins

Sprint hours planned for done tasks	Sprint hours logged for done tasks	% inaccurate (+/-)	Sprint hours “wasted”
10	18	+ 80%	All of them, since some modules are done but the code as a whole doesn’t really do anything yet

Reflections on Time Estimates and Time Management [5 mins]:

Time problems to consider:

- Even a smaller function now requires lots of tests with TDD, so things can take a little more time
- Need to keep in mind things like file structure necessary for certain functions

Potential Solutions for those problems planned for next sprint:

- Smaller, more specific tasks for each card
- Overestimate time to some degree so if we mess up our estimates we at least miss in a different direction

Summary / discussion [5 mins]

Overall specific improvements planned for next sprint (at least 2):

- More focused stand ups at the end of class
- Smaller, more specific tasks for our cards
- Overestimate time required a little