Name: Habit Tracker
Group #: 7
Members:
- Shanyu Thibaut
- Joe Lebedeva
- Trung Dang
- Zachary Tobey

Software Metrics

External Input:
- <u>Unique elementary process that processes data coming from outside the application boundary</u>.

- put in login info - 4 ← complexity
- add a habit, put in its name - 4
- tick off a habit - 3
- add a friend - 4
- open friend list - 4
- open settings - 3
- logging out of your account - 4
- accessing calendar for a habit - 4
- editing habits - 6 (4+2)
    - frequency - 4,
    - private bool - 2

Internal Logical File:
- <u>User-identifiable group of related data maintained within the application.</u>

- habit data - 15
- user data - 10
- habit tracker data - 22 (15 + 7)
    - calendar data - 15
    - weekly data - 7
- friend data - 10
- friend request data - 15

External Interface File:
- <u>User-identifiable group of related data referenced by the application, maintained within another application.</u>

- using Google for logging in - 5

External Inquiries:
- <u>Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance DO NOT take place.</u>

- display user habits on the main page - 3

External Output:
- <u>Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance DO takes place.</u>

- display friends and their habit data on the friend list - 7
- generate weekly report of progress on habits - 5
- display calendar data for a habit - 7

Final draft for the group:

Information Domain Value	Count	Simple WF	Average WF	Complex WF	Points for category
External Input (EI)	10	2	3	4	36
External Output (EO)	3	5	7	10	19
External Inquiries (EQ)	1	3	3	3	3
Internal Logical Files (ILF)	7	7	10	15	72
External Interface Files (EIF)	1	5	5	5	5
Count Total —>					Total: 135

Individual Tasks:

Joe Lebedev (33 points)
- Habit data (15)
- Tick off a habit (3)
- Edit habits (6)
- Accessing calendar for a habit (4)
- Generate weekly report (5)

Zachary Tobey (35 points)
- User data (10)
- Display friend's habit data on friend's list (7)
- Add a friend (4)
- Open friend list(4)
- Add a habit (4)
- Open settings (3)

- Display user habits on main page (3)

Trung Dang (33 points)
- Habit tracker data (22)
- put in login info (4)
- Display calendar data (7)

Shanyu Thibaut (34 points)
- Friend data (10)
- Friend request data (15)
- Using google for logging in (5)
- Logging out (4)