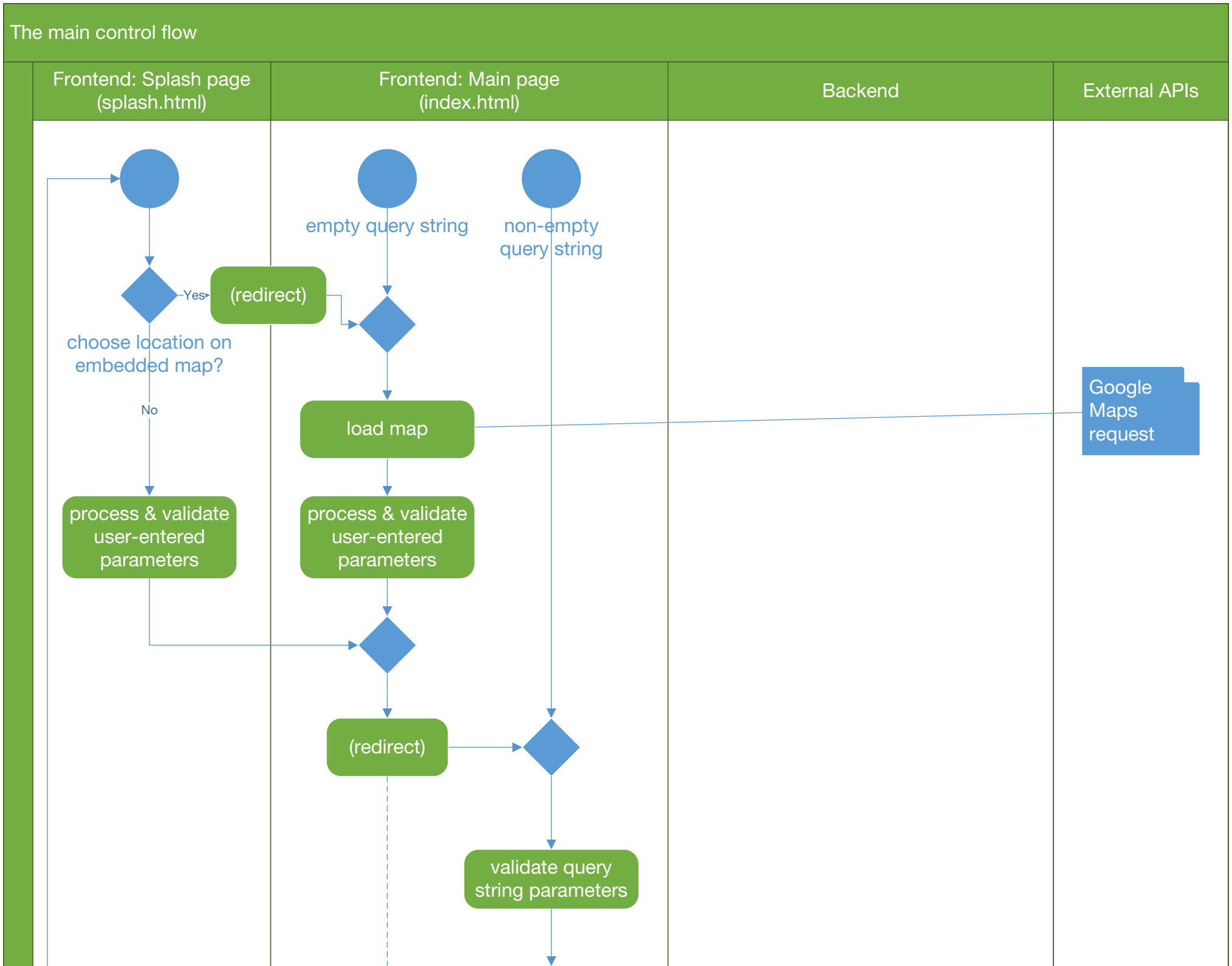
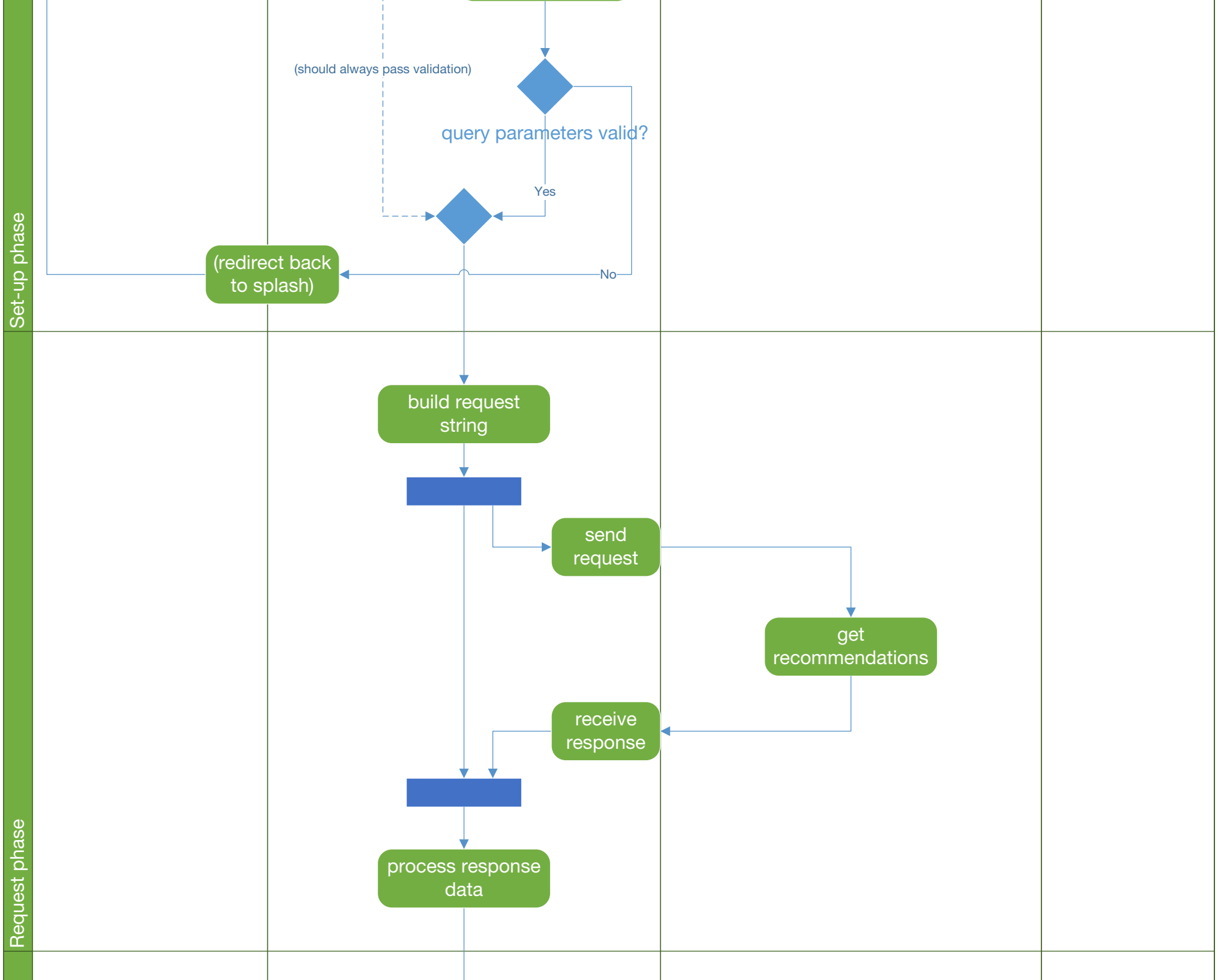
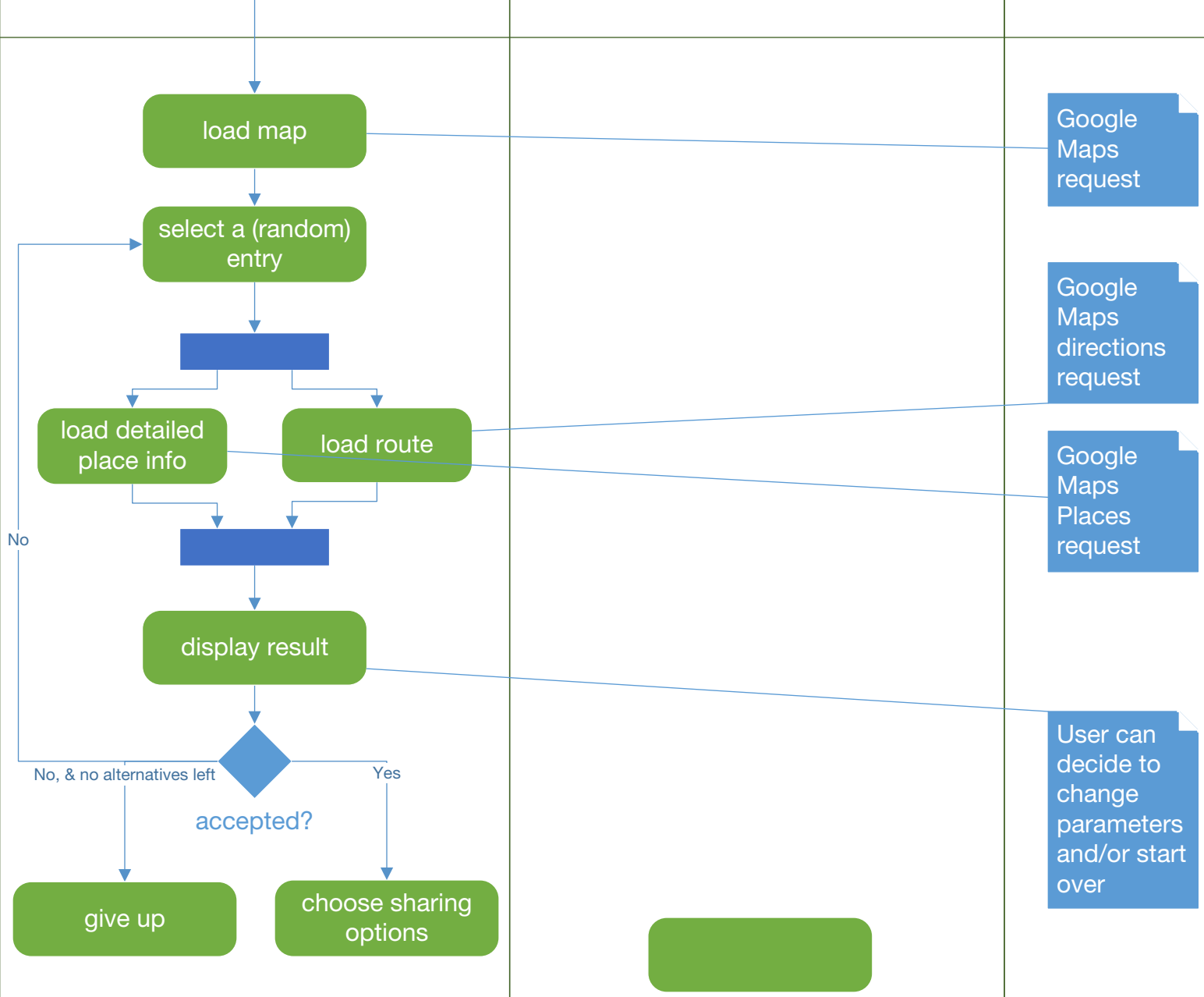

The main control flow
Frontend: Splash page (splash.html)
Frontend: Main page (index.html)
Backend
External APIs
empty query string
non-empty query string
Yes
(redirect)
choose location on embedded map?
No
load map
Google Maps request
process & validate user-entered parameters
process & validate user-entered parameters
(redirect)
validate query string parameters


Set-up phase
(should always pass validation)
query parameters valid?
Yes
No
(redirect back to splash)
Request phase
build request string
send request
get recommendations
receive response
process response data

Result display phase