

- First five minutes, we need talk individually by answering following question
  - What did you do last week?(Research, learning language, group rules,read template and try to understand)
  - What will you do next week?(Meet together and start writing)
  - Are there any obstacles stopping you from doing your task?(apps vs extension? No direction;No experience; Busy schedule )
- Next 5 to 10 minute: Require a power point based on what you accomplished so far, don't show your code, 1 to 2 pages
- Last step: think a set of teams rule
  - What went well (keep doing) => individually work accomplished
  - What didn't work (stop doing) => time schedule
  - How we can improve (start doing) =>
    1. we need a leader to manage the time, people keep forget the due time.
    2. And we need start to share our schedule to each other, meet weekly hopefully each week, even with tiny improvement. Making a formal planning.
    3. Between the meeting, what things we need to finish by individually.
    4. If someone didn't finish on time what could we do? When we meet problem about the language, who could we ask?
    5. Where do you want to write down the code?
    6. Do we grade proportionally?

<https://robots.thoughtbot.com/how-to-make-a-chrome-extension>

<https://developer.chrome.com/extensions/overview>

Language Background: HTML, CSS, Javascript; <https://www.w3schools.com/html/>;  
(free website could learn all language we need)

Confusing about extension vs. apps

- A manifest file
- One or more HTML files (unless the extension is a theme)
- *Optional*: One or more JavaScript files
- *Optional*: Any other files your extension needs—for example, image files

URL: [https://en.wikipedia.org/wiki/Uniform\\_Resource Locator](https://en.wikipedia.org/wiki/Uniform_Resource Locator),: A Uniform Resource Locator (URL), commonly informally termed a web address

How to debug?

Example: [Google Mail Checker extension](#)

If it ends well, we could even

publish.it.: <https://developer.chrome.com/webstore/overview>

# If you've ever built a web page, you should feel right at home with extensions pretty quickly

The very first thing we'll need to create is a manifest file named **manifest.json**, then we need have two files: icon.png(which is the picture), and popup.html(could change name)(rendered inside the popup window that's created in response to a user's click on the browser action), then another file named popup.js (actual logic of rendering the content of the popup)

#JSON (JavaScript Object Notation) is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. It is based on a subset of the JavaScript Programming Language, Standard ECMA-262 3rd Edition - December 1999. JSON is a text format that is completely language independent but uses conventions that are familiar to programmers of the C-family of languages, including C, C++, C#, Java, JavaScript, Perl, Python, and many others. These properties make JSON an ideal data-interchange language.

<https://developer.chrome.com/extensions/manifest>, website about the JSON

Extra: Desktop Notification(Notify users of important events), Option Pages(Let users customize your extension)