Michael Dowden

(he/him)

Presents

Winning as the Home Team

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Michael Dowden
he / him

2022 — Today

2020 — Book: Architecting CSS

Book: Approachable Accessibility

2019 — Microsoft MVP

2018 — Google Developer Expert (GDE)

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2015 — Book: Programming Languages ABC++

2011 — MBA Entrepreneurship

2000 — BS Computer Science

1994 — First Software Release

Winning

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The Home TEAM

The HOME Team

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W F H

My Work from Home Story

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2021 | CEO at Andromeda - everyone WFH

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My WFH Timeline

2021 | CEO at Andromeda - everyone WFH

2017 | Consultant - team implemented WFH Fridays

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2015 | Consultant - team in multiple cities - 50% WFH

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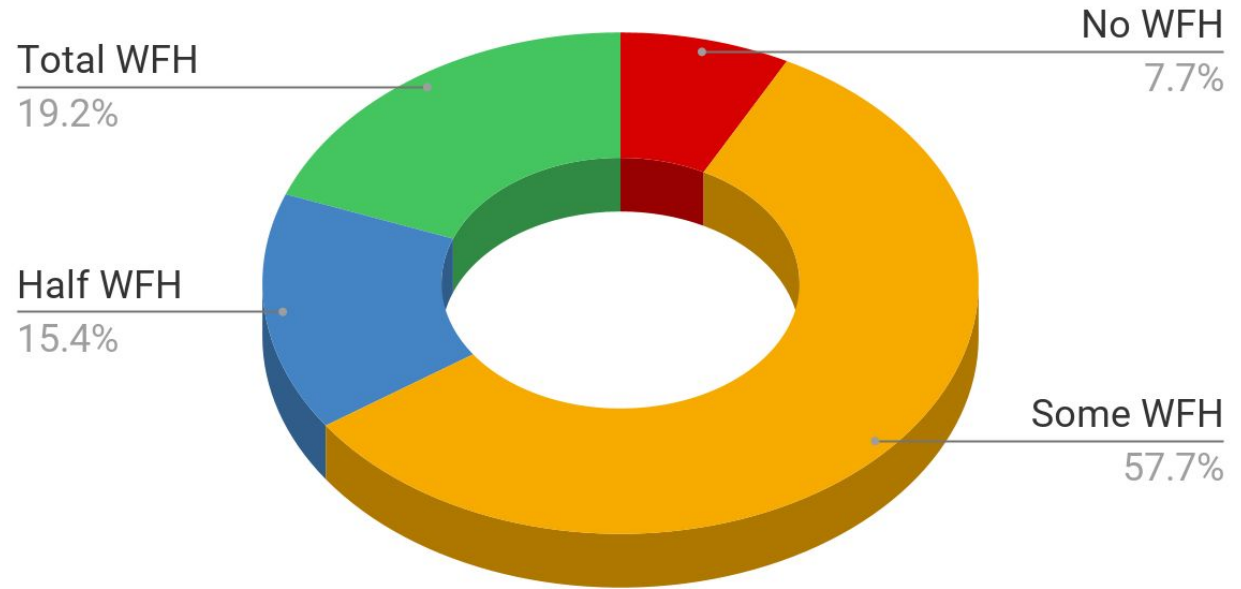**2002** | Consultant - worked remote sites, WFH as client allowed

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2000 | Teaching Assistant - provided support in person & online

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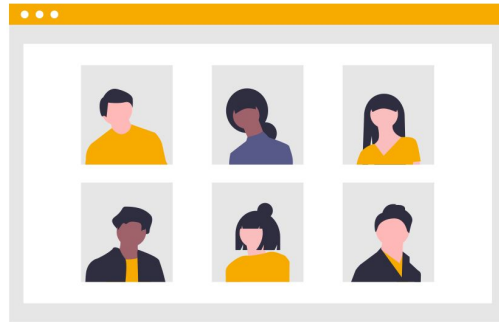**1996** Shareware - wrote and released software from home

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Summary

Total WFH
19.2%

No WFH
7.7%

Half WFH
15.4%

Some WFH
57.7%

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Remote Work

Classification

Remote Frequency
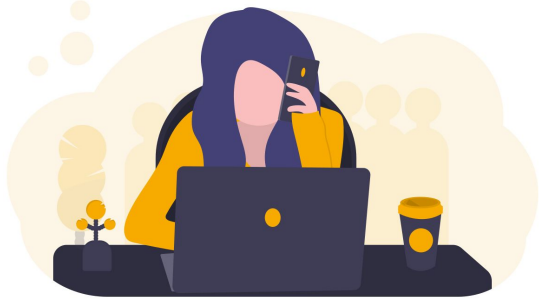
Occasionally

Usually

Regularly

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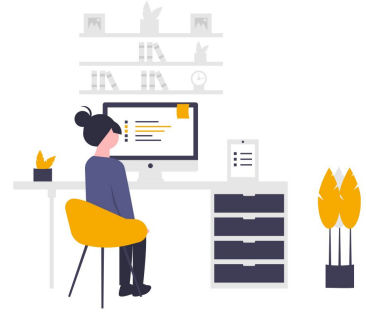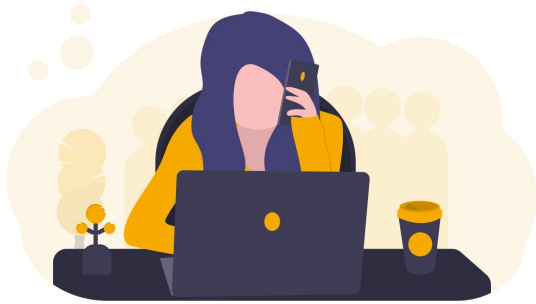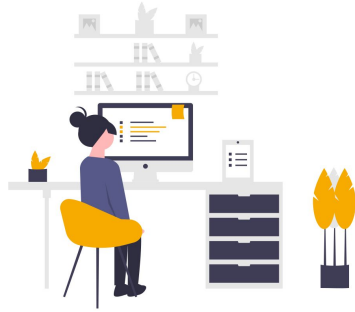
Remote Frequency

Occasionally

- Minimal disruption to the team

- Not able to build habits

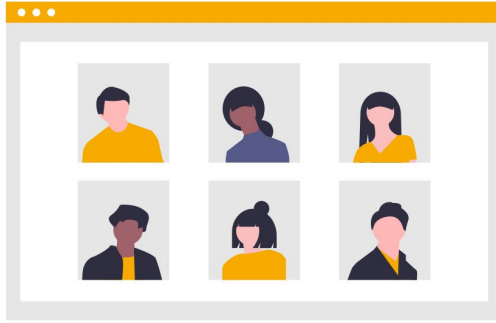- Little reason to reach out

- Collaboration doesn't happen

Remote Frequency

Regularly

- Risk disruption to the team

- Able to build personal habits

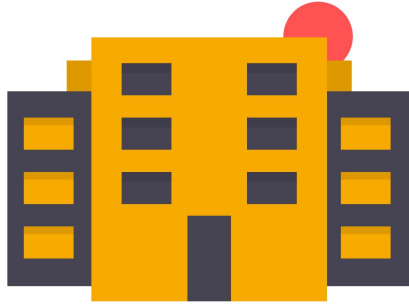- Team may remain disconnected

- Remote person must collaborate

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Remote Frequency

Usually

- Reconfigures the team

- Able to build team habits
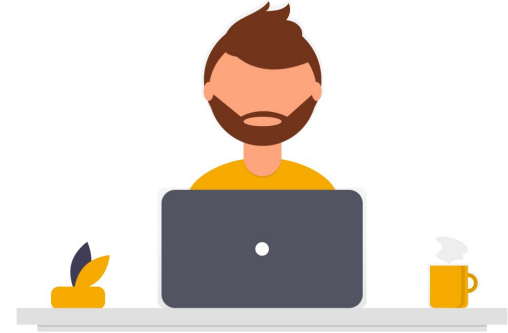
- Team stays connected

- Frequent remote collaboration

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Work Locations

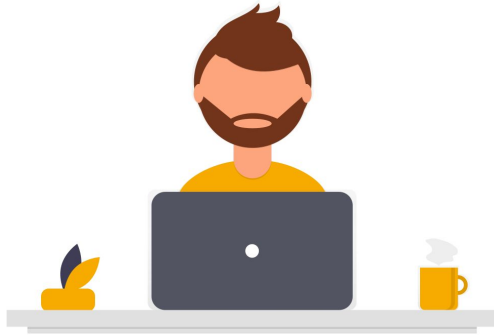Client Office

Home

Coffee Shop

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Work Locations

Client Office

- Lose team connection

- Connect with client

- Available technology

- Infrastructure barriers

- Personal stress

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Work Locations

Coffee Shop

- Challenging team connection
- Trouble focusing
- Technology limitations
- Communication availability
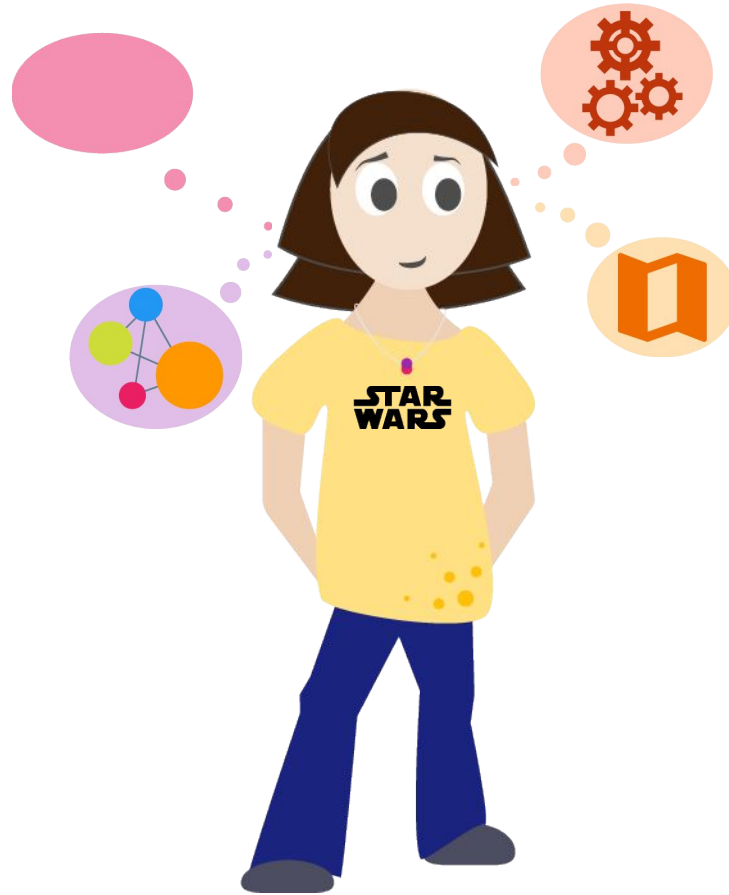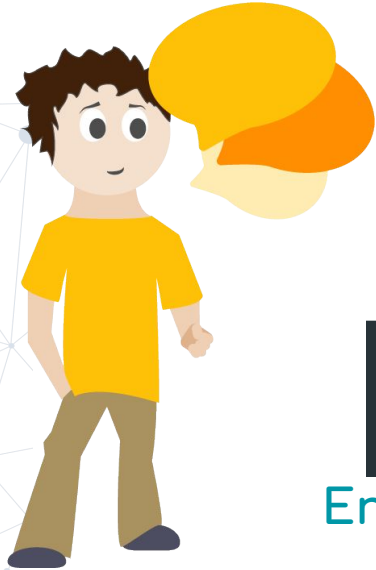- Team stress

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Work Locations

Home

- Maintainable team connection

- Comfortable and familiar

- Variable technology

- Communication consistency

- Variable stress

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Personality

Personality

Extraversion Introversion   Sensing   Intuition

Energy

Information

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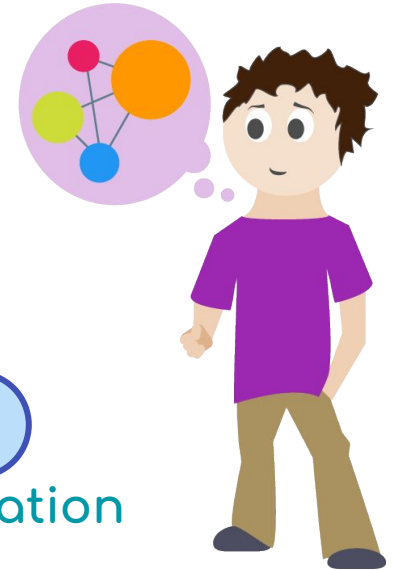
Personality
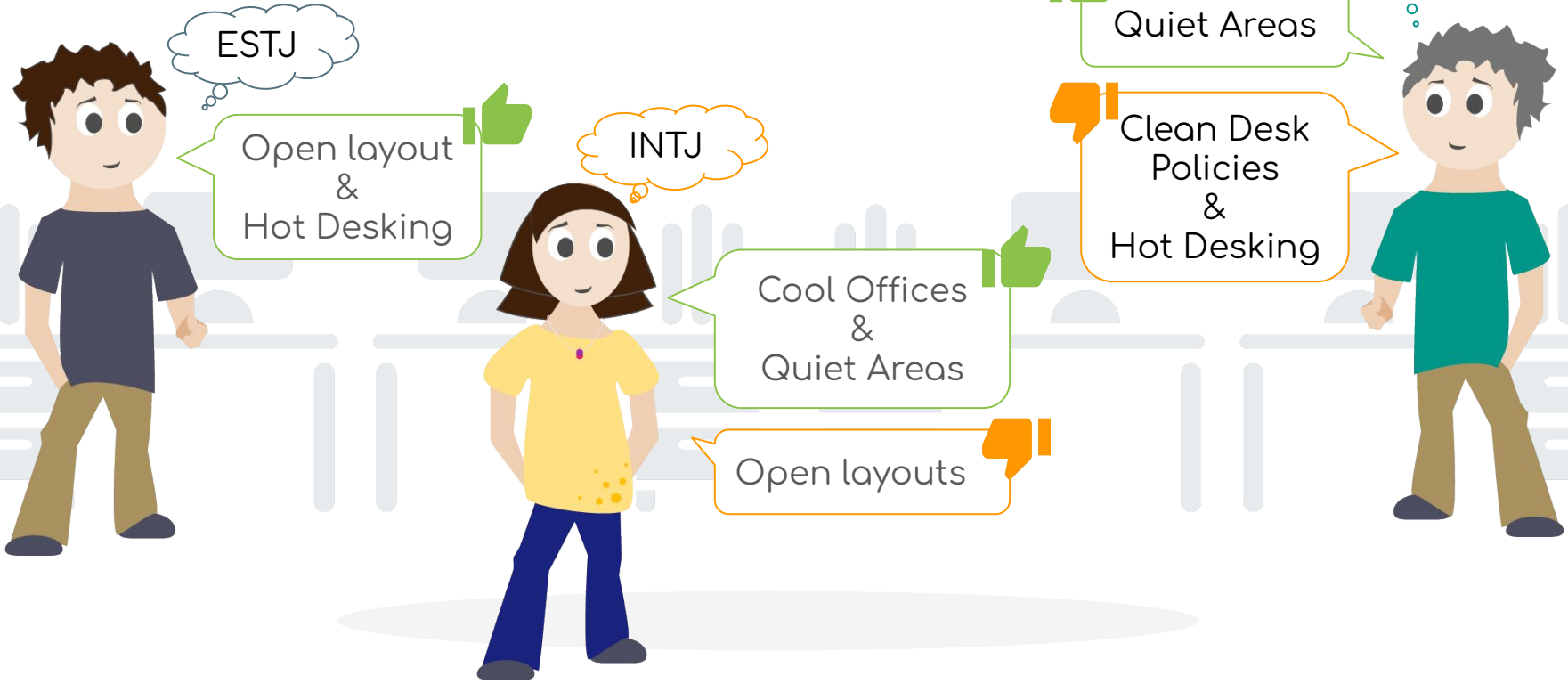
Communication
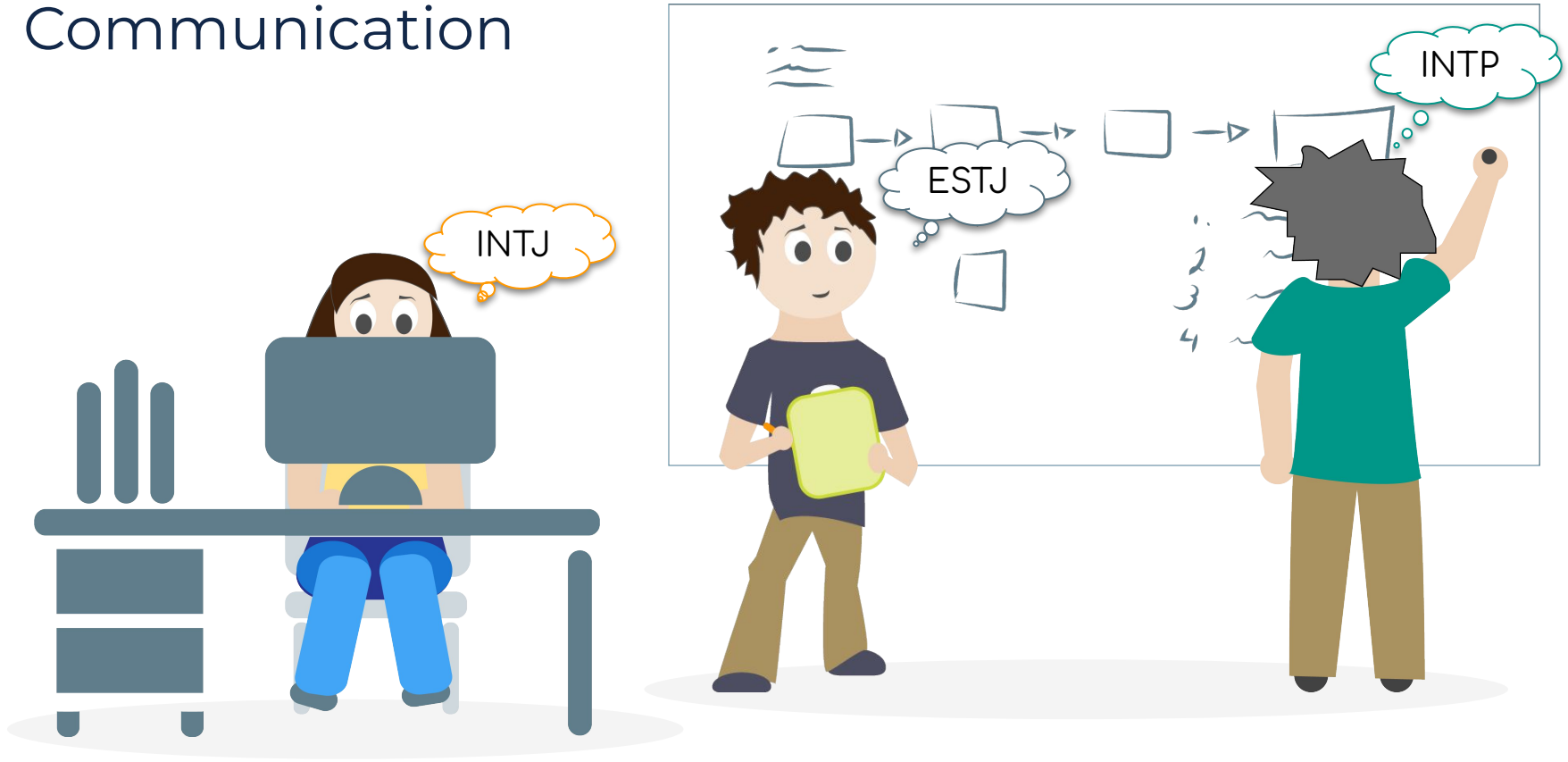
Communication

Time Zone Distribution

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Communication

Synchronous vs Asynchronous

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Communication

Language & Culture

Agile Development

Methodologies for Remote Work

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XP: Extreme Programming

Values / Principles

- Communication

- Simplicity

- Feedback

- Courage

- Respect

Process / Practice

- Planning game
- TDD
- *Pair programming*
- Whole team
- Continuous integration
- Refactoring
- Small releases
- Coding standards
- Collective code ownership
- Simple design
- System metaphor
- Sustainable pace

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Scrum

Values / Principles

- Focus

- Commitment

- Openness

- Courage

- Respect

Process / Practice

- Sprint Planning

- Stand-up

- Sprint Review

- *Sprint Retrospective*

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Kanban

Values / Principles

- Focus

- Decrease Waste

- Customer Needs, First

Process / Practice

- *Ideation*

- Replenishment

- Development

- Acceptance

- Production

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Lean

Values / Principles

- Amplify Learning
- Eliminate Waste
- Decide late
- Deliver fast
- Empower the team
- Build integrity in
- See the whole

Process / Practice

- *Process Mapping*
- Set-based Design
- MVP Delivery
- Rinse & Repeat

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Agile Manifesto

The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.

http://agilemanifesto.org/principles.html

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Agile Manifesto

Business people and developers must work

together daily throughout the project.

http://agilemanifesto.org/principles.html

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Agile Manifesto

Build projects around motivated individuals.

Give them the environment

and support they need,

and **trust** them to get the job done.

http://agilemanifesto.org/principles.html

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Winning

From Office, Home, or Anywhere

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TRUST

Initial Limitations

- VPN / Access

- On-prem software

- Physical Boards

- Speakerphones

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Processes

- Synchronous touch-points

- Text-based communication

- Focus on documentation

- Digital board

- Code reviews

- Standard office hours / water cooler meetings

Antipatterns (Things to Avoid)

- Too many touch points

- Spying

- Zoom Fatigue

- Mandatory Cameras

- Temporary Changes

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My Tools

- Google Workspace - Drive, Docs, Meet, Mail

- Atlassian - Confluence, Bitbucket, Trello, Jira

- Slack

- VS Code, Live Share

- DocHub, HubSpot, Wave

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Team Rules

- Simpler / Fewer is better

- Tools must support the way we work

- Zero infrastructure or hosting management

- Must integrate with existing tools or Zapier

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Keys to Success

Benefits

Michael Dowden

@mrdowden

Experts

MVP

Architecting CSS

The Programmer's Guide to Effective Stylesheets

Martine Dowden
Michael Dowden

Apress®

Approachable Accessibility

Planning for Success

Martine Dowden
Michael Dowden

Apress®

Programming Languages

ABC++

https://ags.run/d/free

Hire me for:

❖ Software Development

❖ Product Management

❖ Coaching & Training

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