## Risk-First Interference Checklist

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- Learning Curve Risk	
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Platform choice  App stores  Language choice	
App stores Language choice	
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Market choice	
Feature Risks	
- Conceptual Integrity Risk  Requires new interface to be added  Requires new interface to be added	
Requires refactoring of existing interfaces  Deprecates existing functionality	
Requested by multiple stakeholders	
- Regression Risk Changes existing functionality	
- Feature Access Risk Interface Experimentation required	
Varied user population	
Accessibility requirements	
Localisation Requirements	
- Implementation Risk Developer unfamiliar with the requirements / system	
Known corner-cases	
Home-grown protocols vs. standards	
- Feature Fit Risk Success criteria hard to define	
Difficult-to-access user base	
- Market Risk  Rapidly changing market  Market needs are not clear	
Market itself is uncertain	
Product needs to find it's market	
Agency Risk / Trust Risk / Security Risk  3rd Party involved	
Competitor involvement	
General public involved	
Available on the open internet	
Requires authentication / authorisation schemes  Requires cryptography	
Involves crowdsourcing	
Involves untrusted data-sources	
Involves multiple processes / threads cooperating  Involves payments	
Involves payments  Involves security infrastructure: firewalls, proxies, VPN etc.	
Dependency Risks  - Software Dependency Risk  - Requires the introduction of a new dependency	
- Software Dependency Risk  Requires the introduction of a new dependency  which is immature	
which must be chosen from competing alternatives	
which is Open-Source	
which is In-House which is Commercial	
which is confineral	
- Scarcity Risk Requires booking time with a 3rd party	
Requires specific licenses / approvals	
- Funding Risk Requires payment by a customer for completed work	
Requires payment by a customer for completed work  Requires agreement on pricing / budget	
- Staff Risk  Requires involvement from other members of staff  Requires hiring-in new specialist skills	
Requires hiring-in new specialist skills  Has dependency on key-persons	
- Red Queen Risk  Dependency on rapidly changing/unpublished standards	
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Dependency on rapidly evolving 3rd party code  - Schedule Risk  Task is repetitive	
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