

Form A • IPGuru the platform keeps the record

Lab 6: from a described invention to a pack with a destination chosen

IPGURU

PART 6, GRADE AND EXECUTE · CLASSES 15 TO 18 · 90 MINUTES · YOUR OWN IDEA · THE CAPSTONE

0 to 6 **Write your first reading, and then leave it alone.** Out of ten, how good is this idea. Write the number and one line on why. Do not change it later and do not let the audit talk you out of it on the way through. At the end you read it beside the audit and record whether they agree or disagree, and either answer is a result.

In IPGuru: Signals and idea evaluation: enter the first reading before the audit is run, so both readings sit on the record.

6 to 20 **Run the audit, and read it one dimension at a time.** Patentability, feasibility, moats, commercial, regulatory, supply chain, usability, ownership. For each: what was found, what was not found, and what would move it. Every value driver and every risk factor gets one sentence saying what it rests on. A dimension with nothing behind it is marked insufficient evidence, which is a silence and not a pass.

In IPGuru: Signals and idea evaluation: the audit run against the idea, read dimension by dimension, with the evidence sentence on each signal.

20 to 28 **Record what the audit found, in all three kinds.** Check for value drivers your record has never claimed, for risks nobody had looked for, and for claims the evidence now contradicts. Write what you found, including none of a kind. Then write three numbers separately and never add them: how complete the description is, how good it looks if what you have written is true, and how strong each individual piece of work was. Read all three under the intent you declared on day one.

In IPGuru: Signals and idea evaluation: the three kinds of finding recorded, the value and risk shapes read, and completeness read beside them, never blended.

28 to 42 **Read your level on both published scales, and name the requirement that blocks each.** Take the reference slides from class 16: the nine technology readiness levels published by NASA, and the ten manufacturing readiness levels published by the United States Department of Defense. Find the highest level on each whose published definition your evidence already meets, not the highest you can argue for. Write the definition above it as a requirement with a pass mark rather than as a worry. The two numbers sit side by side and are never subtracted.

In IPGuru: Readiness: the level held on each published scale, the definition that blocks the next, and the manufacturing scale read separately.

42 to 52 **Order two verifications, and run one if it fits in the time.** Match a method to each blocker and put them in the order that spends the least before it could stop you. The cheap calculation that could end the project goes first. Write

both with a person and a date. Run one here only if it is an afternoon of arithmetic; anything needing a bench, a supplier or another person is optional, outside the session, and gets a due date and a review slot instead.

In IPGuru: The de-risking roadmap: the blocking risks in order with a verification method matched to each.

52 to 65

List who could hold a right or an obligation, and whether anybody can see how it works. Every party with a potential right or obligation: you, anybody who contributed to the conception, an employer, an institution under its policy, a funder, a client who commissioned it. Say what kind of interest each one would be, name the document that bears on it, and mark it found, read, or still needing a professional. Those are three different states and a document in your hand settles none of them. Update the source and rights inventory you started in Lab 1, and list everything already shown with its date. Then answer detectability: could somebody see how this works by holding it, by buying one, or by taking it apart.

In IPGuru: The ownership and patentability dimensions read against the novelty statement, with the documents attached as support.

65 to 75

Sort the findings, turn three into checks, and score the variants. Missing means the record has never said it. Sometimes a sentence closes it; sometimes the sentence needs evidence you do not have, and then it is work. Wrong means the record said it and the evidence disagrees, which needs a test, a correction or both. Turn the top three into checks with a person, a method and a date; three is what fits, not the right number. If you are choosing between variants, write the criteria and their weights before you look at the options, then score.

In IPGuru: Gap analysis for missing and wrong; the option scorecard for variants, with the criteria entered before the options.

75 to 82

Take the second gate, then write the documents. Go, loop or pivot, with the reason on the record whichever it is, and the inventors confirmed by what each person contributed. Go names the next action and says which open matters block which uses. You or your organisation may also decide to wait or to go back to an earlier stage until something is ready; write that down too. Then generate the concept brief and correct it, write the story of your invention in one paragraph without looking at the brief, and record decisions and boundaries: what you ruled out and why.

In IPGuru: Review Gate for the decision; the Documents tab for the concept brief, the story of the idea and decisions and boundaries, each corrected by hand.

82 to 90

State the pack status, and choose the destination on the evidence. Write what the pack is: described, demonstrated, ready for further development, or awaiting review. Any of the four is an honest place to finish. Then choose the destination session from the four: protection, trade secrets, publication and open source, or the founder path. Write the evidence that points there and what it does not settle, and read the intent you declared on day one against

what you learned. Choosing one destination does not close the others. Showing the pack to somebody outside the project is optional and outside the session: it adds a reader who owes you nothing, and you record who, what subset they got, the decision you asked for, and what they said, or that they have not replied.

In IPGuru: The destination recorded against the idea with the evidence beside it, and the pack status on the front; export the handover pack and the decisions record.

THE FIRST READING, KEPT the number, the date and one line of reason

THE AUDIT, DIMENSION BY DIMENSION found, not found, what would move it, for all eight

THE EVIDENCE SENTENCE ON EVERY SIGNAL a citation, an experiment, a document, or a named person

DIMENSIONS READING INSUFFICIENT EVIDENCE silences, not passes, and the sentence each one needs

WHAT THE AUDIT FOUND, IN THREE KINDS unclaimed positives, new risks, contradicted claims, including none

THREE NUMBERS, KEPT APART complete, good if true, and the marks on each piece of work

THE LEVEL HELD, ON BOTH PUBLISHED SCALES nine technology levels and ten manufacturing levels, with the evidence

THE BLOCKING DEFINITION ON EACH the level above, written as a requirement with a pass mark

TWO VERIFICATIONS, IN ORDER the cheapest one that could stop you goes first

WHO COULD HOLD A RIGHT OR AN OBLIGATION the kind of interest, the document, and found, read or unresolved

THE SOURCE AND RIGHTS INVENTORY, UPDATED carried from Lab 1, with what changed since

WHAT HAS ALREADY BEEN SHOWN to whom, on what date, and under what

THE DETECTABILITY ANSWER what a stranger learns by holding it or opening it

MISSING, AND WRONG two lists, because they need different work

THREE CHECKS each with a person, a method and a date

THE WEIGHTED COMPARISON, IF VARIANTS criteria and weights written before the options

THE SECOND GATE DECISION, AND THE REASON go, loop or pivot; go names the next action and what it blocks

INVENTORS, CONFIRMED BY CONTRIBUTION what each person added, never who was in the room

THE CONCEPT BRIEF, CORRECTED and any line you had to cut

THE STORY OF THE INVENTION one paragraph, written without looking at the brief

DECISIONS AND BOUNDARIES what you ruled out, and why, so it does not come back

THE PACK STATUS described, demonstrated, ready for further development, or awaiting

review

THE DESTINATION, AND THE EVIDENCE FOR IT one of the four sessions, what points there, and what it leaves open

THE REVEAL, IF YOU SHOWED IT optional and outside the session: who, what subset, the ask, and what came back

Artefact: the invention pack, with its status stated. The first reading kept beside the audit, eight dimensions each with evidence or a named silence, what the audit found in all three kinds including none of a kind, three numbers kept apart, a level on each published scale with its blocking definition, two verifications in order, every party with a potential right or obligation marked found, read or unresolved, the rights inventory updated from Lab 1, a dated list of everything shown, the detectability answer, two lists of findings and three dated checks, a weighted comparison where there were variants, the gate decision with its reason and the inventors named, the concept brief and the story, decisions and boundaries, the pack status, and the destination with the evidence behind it and what it leaves open. The platform keeps the record; export the signal audit, the gap analysis, the concept brief, the decisions record and the handover pack at the end and attach them to this sheet. Nothing here is a search, a clearance or legal advice. A signal is a prompt to investigate, a reading of your own agreements is a hypothesis with a date on it, and the destination you choose is a decision you record rather than one this sheet makes. A well supported decision to wait, to go back to an earlier stage, or to stop is a complete result, and the pack is finished either way.

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ANY ASSISTANT

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0 to 6 **Write your first reading, and then leave it alone.** Out of ten, how good is this idea. Write the number and one line on why. Do not change it later and do not let the audit talk you out of it on the way through. At the end you read it beside the audit and record whether they agree or disagree, and either answer is a result.

Prompt: On paper: the number, the date, and one line of reason. Fold the corner over it.

6 to 20 **Run the audit, and read it one dimension at a time.** Patentability, feasibility, moats, commercial, regulatory, supply chain, usability, ownership. For each: what was found, what was not found, and what would move it. Every value driver and every risk factor gets one sentence saying what it rests on. A dimension with nothing behind it is marked insufficient evidence, which is a silence and not a pass.

Prompt: "Go through these eight dimensions one at a time and ask me what evidence I have for each. Do not summarise and do not score." You write the evidence sentences yourself.

20 to 28 **Record what the audit found, in all three kinds.** Check for value drivers your record has never claimed, for risks nobody had looked for, and for claims the evidence now contradicts. Write what you found, including none of a kind. Then write three numbers separately and never add them: how complete the description is, how good it looks if what you have written is true, and how strong each individual piece of work was. Read all three under the intent you declared on day one.

Prompt: "From my description, what have I claimed, what have I never claimed, and what does my own evidence contradict?" You decide which findings are real and write the evidence.

28 to 42 **Read your level on both published scales, and name the requirement that blocks each.** Take the reference slides from class 16: the nine technology readiness levels published by NASA, and the ten manufacturing readiness levels published by the United States Department of Defense. Find the highest level on each whose published definition your evidence already meets, not the highest you can argue for. Write the definition above it as a requirement with a pass mark rather than as a worry. The two numbers sit side by side and are never subtracted.

Prompt: On paper: the two scales side by side, nine levels and ten, your level marked on each with the evidence beside it and one blocking requirement under each.

42 to 52 **Order two verifications, and run one if it fits in the time.** Match a method to each blocker and put them in the order that spends the least before it could stop you. The cheap calculation that could end the project goes first. Write both with a person and a date. Run one here only if it is an afternoon of arithmetic; anything needing a bench, a supplier or another person is optional, outside the session, and gets a due date and a review slot instead.

Prompt: "Given this blocker, what is the smallest test that could honestly fail?" You choose the order and put the names and dates on.

52 to 65 **List who could hold a right or an obligation, and whether anybody can see how it works.** Every party with a potential right or obligation: you, anybody who contributed to the conception, an employer, an institution under its policy, a funder, a client who commissioned it. Say what kind of interest each one would be, name the document that bears on it, and mark it found, read, or still needing a professional. Those are three different states and a document in your hand settles none of them. Update the source and rights inventory you started in Lab 1, and list everything already shown with its date. Then answer detectability: could somebody see how this works by holding it, by buying one, or by taking it apart.

Prompt: On paper: six rows, each with the kind of interest, the document, and one of found, read or unresolved; the updated rights inventory; a dated list of what has been shown; and one line on what a stranger would learn by opening it.

65 to 75 **Sort the findings, turn three into checks, and score the variants.** Missing means the record has never said it. Sometimes a sentence closes it; sometimes the sentence needs evidence you do not have, and then it is work. Wrong means the record said it and the evidence disagrees, which needs a test, a correction or both. Turn the top three into checks with a person, a method and a date; three is what fits, not the right number. If you are choosing between variants, write the criteria and their weights before you look at the options, then score.

Prompt: On paper: two lists, three checks with names and dates, and a grid with weighted criteria down the side and variants across the top.

75 to 82 **Take the second gate, then write the documents.** Go, loop or pivot, with the reason on the record whichever it is, and the inventors confirmed by what each person contributed. Go names the next action and says which open matters block which uses. You or your organisation may also decide to wait or to go back to an earlier stage until something is ready; write that down too. Then generate the concept brief and correct it, write the story of your invention in one paragraph without looking at the brief, and record decisions and boundaries: what you ruled out and why.

Prompt: "Draft a concept brief from this record." You correct it line by line, then write the story from memory and list what you ruled out with reasons.

82 to 90 **State the pack status, and choose the destination on the evidence.** Write what the pack is: described, demonstrated, ready for further development, or awaiting review. Any of the four is an honest place to finish. Then choose the

destination session from the four: protection, trade secrets, publication and open source, or the founder path. Write the evidence that points there and what it does not settle, and read the intent you declared on day one against what you learned. Choosing one destination does not close the others. Showing the pack to somebody outside the project is optional and outside the session: it adds a reader who owes you nothing, and you record who, what subset they got, the decision you asked for, and what they said, or that they have not replied.

Prompt: On paper: the pack status, the destination, the evidence behind it, and what it leaves open. Four more lines for the reveal if you have shown it.

THE FIRST READING, KEPT the number, the date and one line of reason

THE AUDIT, DIMENSION BY DIMENSION found, not found, what would move it, for all eight

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