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6 Key Project Phases

“A structural process is crucial in delivering a software project, hence the software development lifecycle encompasses all the stages involved in software development from initiation to deployment and maintenance. With this in mind, the 6 key project phases is developed.”

Software Project Blueprint - 6 Project Phases

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Requirement Capture

To understand client's needs, evaluate impacts & provide consultancy service to align service goals and expectations.

- Understand client's requirement and desired outcome.
- Gather information on existing workflow along with its challenges & shortfall.
- Evaluate and identify business impacts and values, along with milestone planning to ensure timely completion.

Software Project Blueprint - 6 Project Phases

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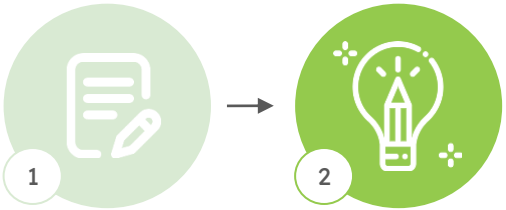

Requirement Capture

System Design

To come up with system design (product design & technical design) before actual development kickstart.

- Align product design and process flow with primary stakeholders.
- Adopt Design Thinking and user-centric approach.
- Product design (Wireframe & UI/UX designs, define user stories & module feature) and Technical design (Database Design, API Design, Data Flow Diagram etc.)

Software Project Blueprint - 6 Project Phases

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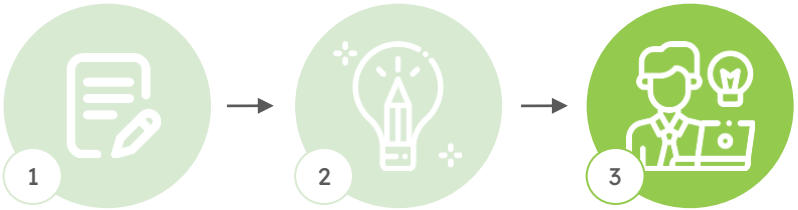

Requirement Capture

System Design

System Development

Kickstart software development on a sprint basis along with daily stand-up meetings & weekly progress update.

- Kickstart development phase through planned sprint basis, allow iterative progress.
- Daily standup meeting for progress update and work synchronization between programmers.
- Weekly meetings with stakeholders to align project progress and set clear expectations.

Software Project Blueprint - 6 Project Phases

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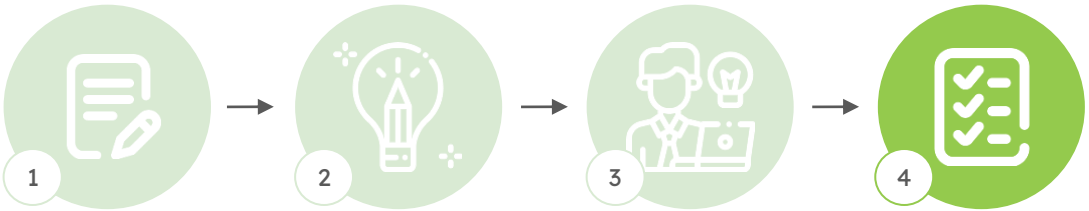

Requirement Capture

System Design

System Development

System Validation

User Acceptance Testing (UAT) will be carried out to validate compliance with client requirements and standards, also to ensure smooth system operation.

- Internal UAT and External UAT.
- Once shippable product deployed, UAT tests to be done with customised test scripts.
- Once Internal & External UAT completed and passed, system is ready for release.

Software Project Blueprint - 6 Project Phases

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Requirement Capture

System Design

System Development

System Validation

System Deployment

Ensure overall functionality validated in different environment (Dev, Staging & Production Environment) before officially deploy built software into production.

- Prepare release note and plan release date with clients.
- Set up server monitoring to monitor real-time server performance and receive error notification.
- Release to production server, go live!

Software Project Blueprint - 6 Project Phases

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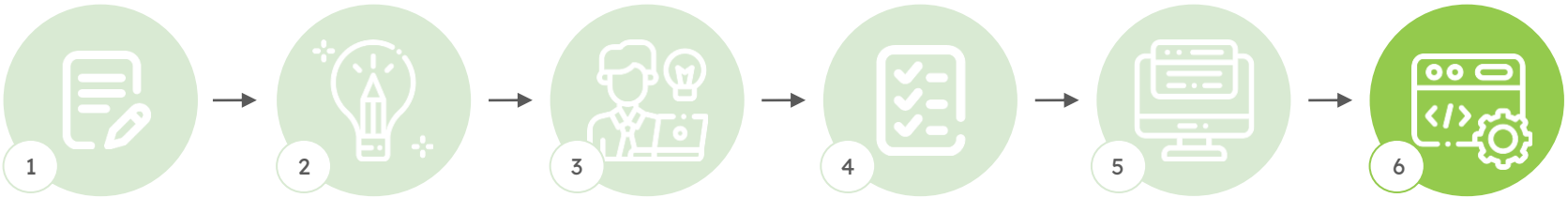

Requirement Capture

System Design

System Development

System Validation

System Deployment

System Maintenance

Provides maintenance service to support system operational lifetime (ongoing reliability, performance and breakdowns).

- Service Level Agreement (SLA) for system maintenance services.
- Conduct software trainings.
- Provide User Guide Materials as a step-by step reference guide.

Software Project Blueprint - 6 Project Phases

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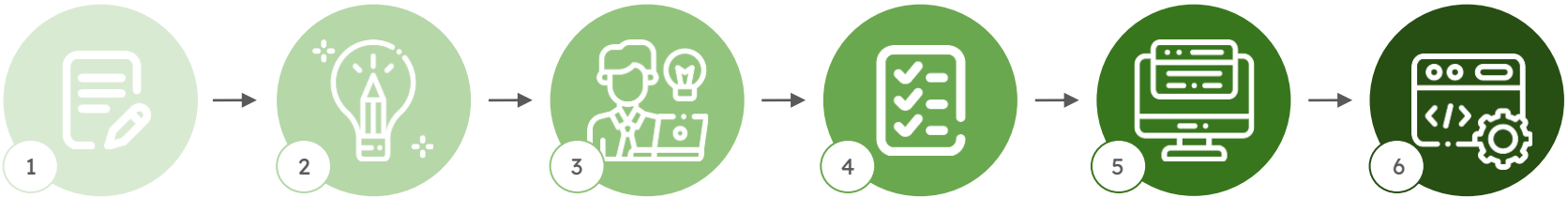

Requirement Capture

Understand client's needs, evaluate impacts & provide consultancy service to align service goals and client's expectations.

System Design

To come up with system design (product design & technical design) before actual development kickstart.

System Development

Kickstart software development on a sprint basis with daily stand-up meetings & weekly progress update.

System Validation

Carry out User Acceptance Testing (UAT) to validate compliance with client requirements and standard.

System Deployment

Ensure overall functionality validated in different environment before officially deploy built software into production.

System Maintenance

Provides maintenance service to support system operational lifetime (ongoing reliability, performance, breakdowns).

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Case Study

“With years of experience in managing software development projects, the continuous process of trial and error allows the the refining of approaches and methodologies throughout the process. Here are some of the cases that served a deep influence. ”

Case Study #1

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Startup Business Involvement in Software Development Projects

Poor execution of Requirement Management leads to Product Failure.

A vague requirement gathering at the beginning can cause significant impacts later in the project.

To prevent such incidents, we:

- Actively engage in understanding business models and requirements.
- Provide consultancy services on integration of software development projects with business models.
- Release Minimum Viable Product (MVP) to collect user feedbacks for improvements.

Case Study #2

System Design Alignment with Primary Stakeholders

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Ineffective System Design leads to Poor System Performance.

System or software that are designed ineffectively can cause hindrance to the business operations.

To prevent such incidents, we:

- Encourage discussion to be done with primary end users instead of top down.
- Emerge ourselves in understanding the business operational flow.
- Adopt Design Thinking and user-centric approach when developing process flow and system design.

Case Study #3

Project Management Implementation in Software Development Projects

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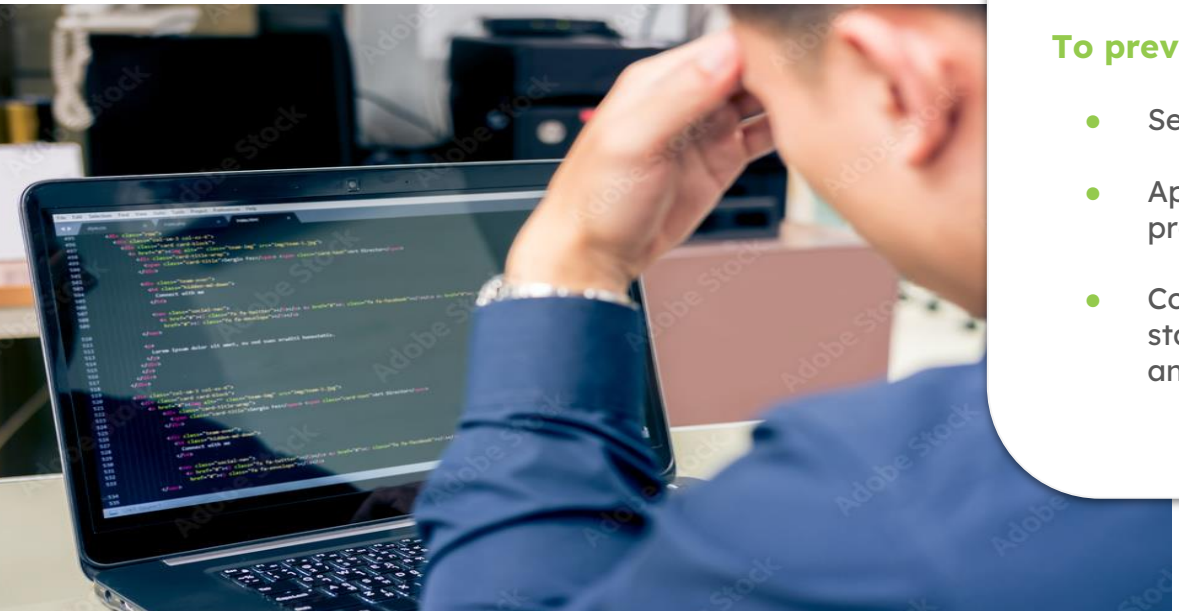
Inadequate planning during System Development leads to Project Delays.



Little to no project management can cause delayed development progress and inability to achieve promised outcomes.

To prevent such incidents, we:

- Set a realistic project timeline planning.
- Apply and strictly adhere to scrum practices within development team.
- Conduct weekly meetings with stakeholders to align project progress and set clear expectations.

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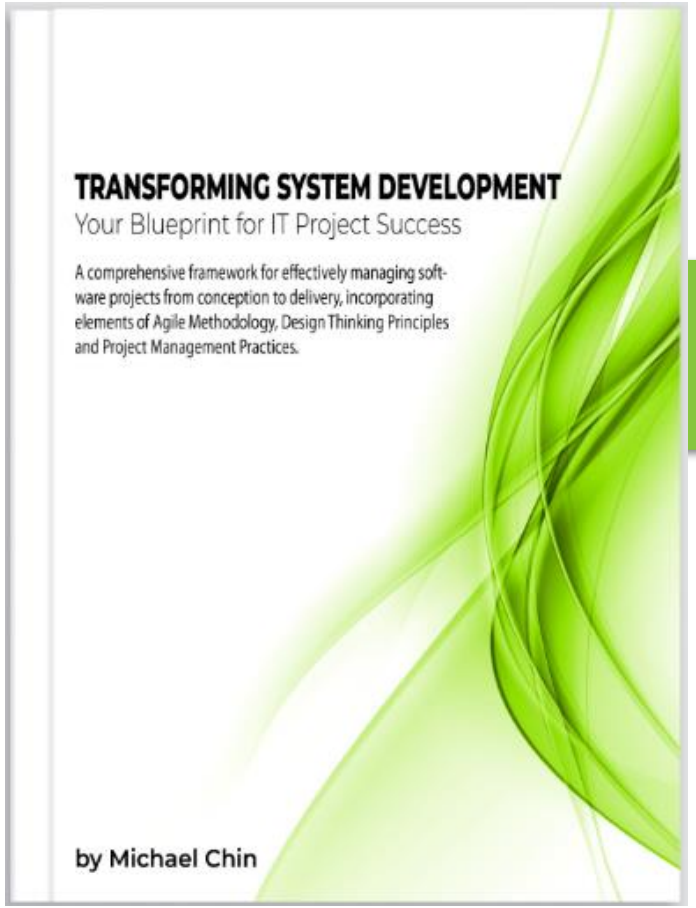

Connect with us for more details!

To learn more about SysTransform and our book,

SysTransform Software Project Blueprint

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