

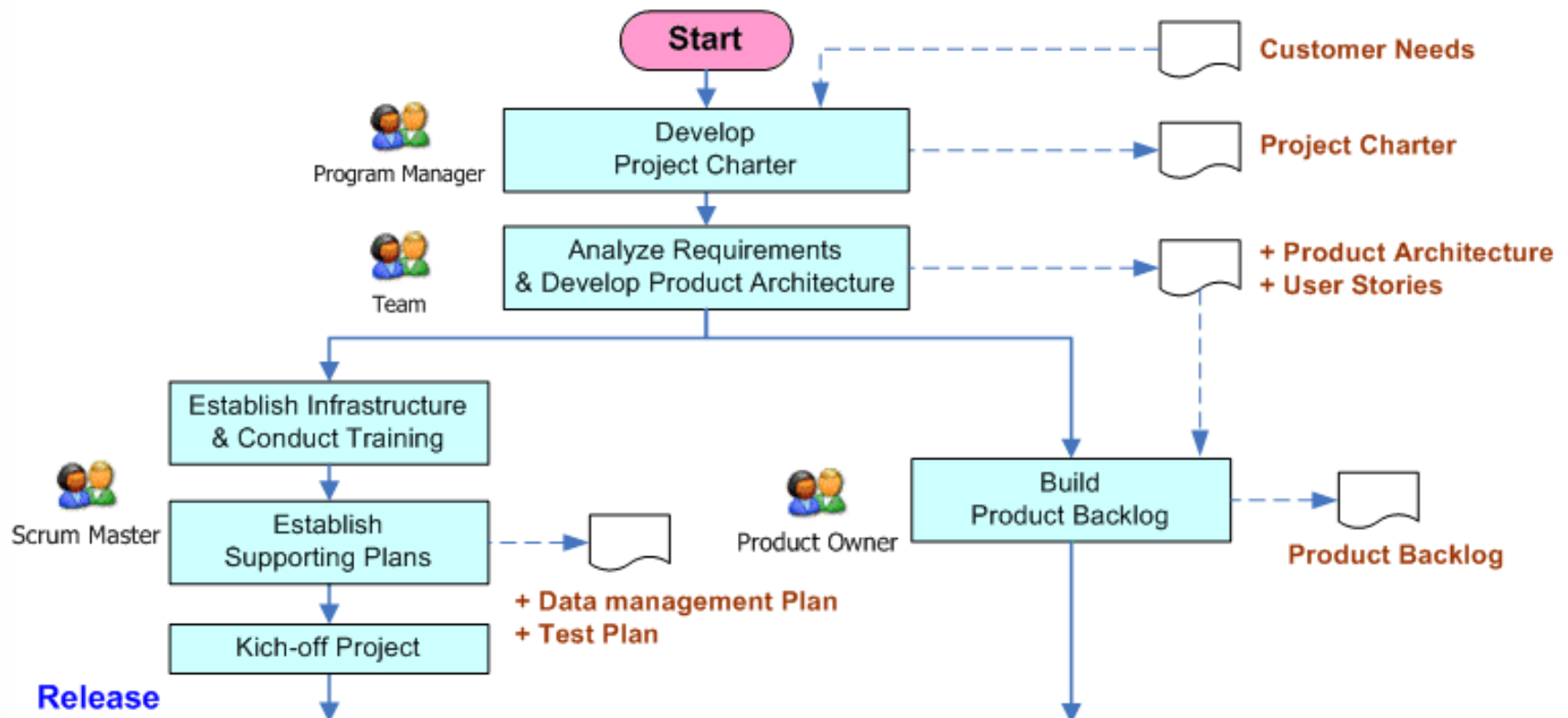
- ❖ Agile/SCRUM Best Practices
- ❖ Workflow
- ❖ SCRUM Tools



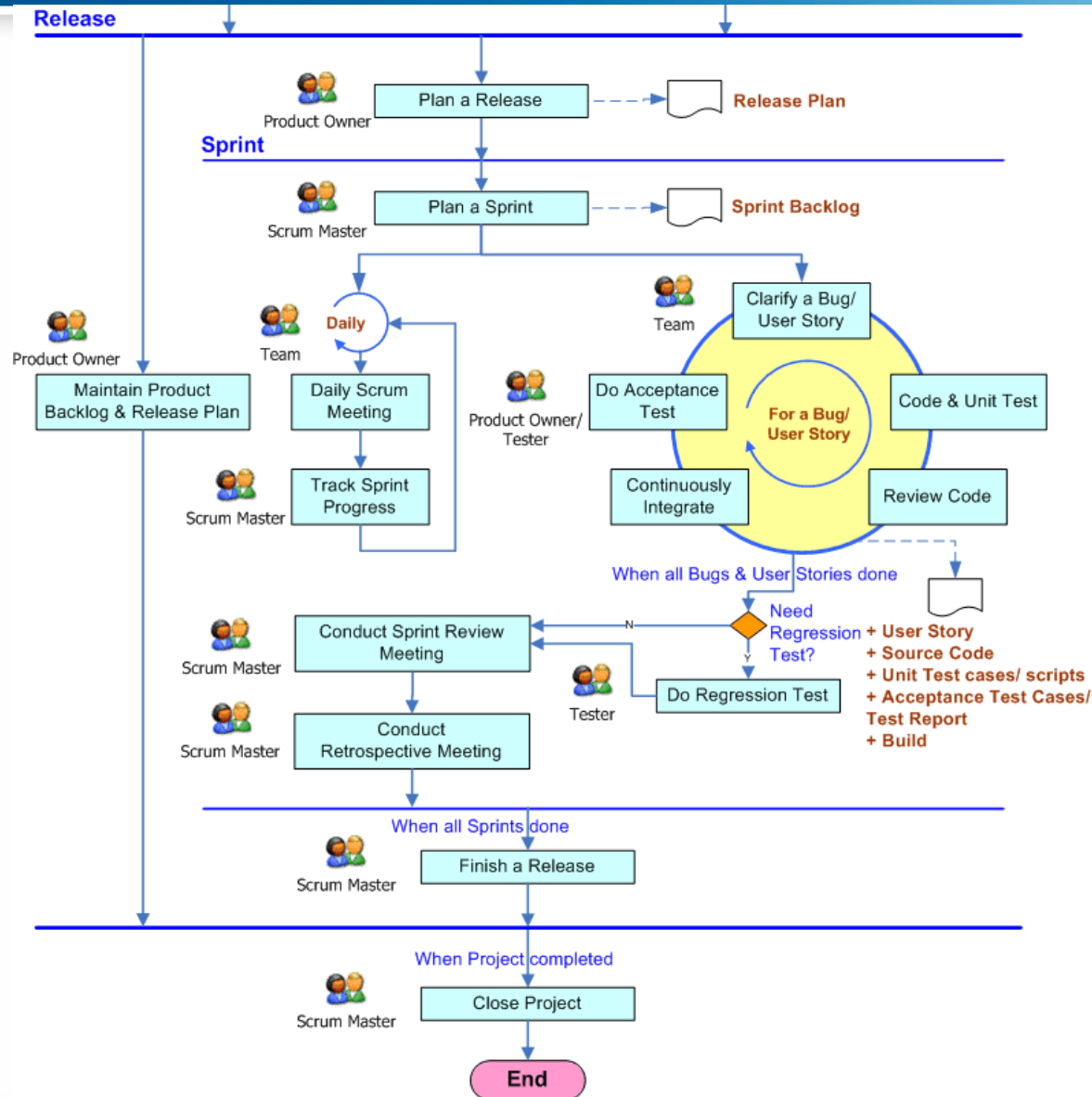
Agile/SCRUM Best Practices

- ❖ **Early feedback**
 - By demos, prototypes and working interim working software
- ❖ **Continuous integration**
 - Working software is delivered very frequently, avoiding big integration
- ❖ **Divide to many small teams**
 - Each team has specific skill set and focus on specific release targets
- ❖ **Clear exit criteria**
 - Approved and communicated
- ❖ **Delivering unit tests together with the code**
 - Unit test coverage match quality objectives
 - Code review
- ❖ **Face-to-face conversation**
 - Phone or instant messaging for offshore members

Workflow (1/2)



Workflow (2/2)



SCRUM Tools (1/3)

❖ SCRUM Product Back Log:

Overview Activity Scrum Roadmap Issues New issue Peer Review Gantt Calendar News Documents Wiki Forums Repository Risks Settings

Product Backlog

Product Burndown Chart

FusionCharts v3.2 Evaluation

Burndown chart

Sprint	Story Count	Bug Count
Sprint 0 - Feb 17	591	0
Sprint 1 - Mar 02	502	0
Sprint 2 - Mar 16	452	0
Sprint 3 - Mar 30	392	0
Sprint 0 / Android R...	332	0
Sprint 0 / Android R...	317	0
Sprint 0 / Android R...	268	0
Sprint 0 / Android R...	228	0
sprint 9	0	0
sprint 10	0	0
sprint 11	0	0
sprint 12	0	0
sprint 13	0	0
sprint 14	0	0
sprint 15	0	0

Legend: Story (blue bar), Bug (yellow bar), Ideal progress (green line), Trend progress (red line)

Statistics

Total	Pending	In Process	Done	Percent Done
Σ 543 SPs	6	269	268	Done:49.36%

Story Backlog

ID	Subject	Priority	Done	Estimated	Actions
#62342	Unit Testing Tool	Urgent	🟢	6SPs	🔍 🗑️

Bug Backlog

Android R1.0

Sprint	Total	Done
Sprint 0 - Feb 17	Σ 89	Done:100.00%
Sprint 1 - Mar 02	Σ 50	Done:100.00%
Sprint 2 - Mar 16	Σ 60	Done:100.00%
Sprint 3 - Mar 30	Σ 59	Done:100.00%

ID	Subject	Priority	Done	Estimated	Actions
#59104	[Implement] [Routing] Get location from recent list	Urgent	🟢	2SPs	🔍 🗑️
#59126	[Implement] [HotSpots] Report	Urgent	🟢	12SPs	🔍 🗑️
#66833	Design GNAM Android icon for uploading to Android Market	Urgent	🟢	15SPs	🔍 🗑️
#59108	[Implement] [Search Address] Execute searching from recent list	High	🟢	25SPs	🔍 🗑️
#59113	[Implement] [Recent list] Recent list view	High	🟢	6SPs	🔍 🗑️
#59114	[Implement] [Recent list] Add/Delete item from recent list	High	🟢	6SPs	🔍 🗑️
#59122	[Implement] [Search Address] Menu on search view	High	🟢	2SPs	🔍 🗑️
#59123	[Implement] [Search Address] Address Detail View	High	🟢	10SPs	🔍 🗑️
#64428	[Simulator] App crashed when zoom out	High	🟢		🔍 🗑️
#64436	[Simulator] On search Address: App crashed when user was typing	High	🟢		🔍 🗑️
#64539	[Simulator] Routing: App crashed when user choose contact	High	🟢		🔍 🗑️
#63967	Change new Webservice API	Normal	🟢	6SPs	🔍 🗑️
#64347	Update report GUI	Normal	🟢	2SPs	🔍 🗑️
#64396	Apply localization to Bookmark, Recent, Search	Normal	🟢	1SPs	🔍 🗑️
#64507	Change icon in search,bookmark,recent.	Normal	🟢	1SPs	🔍 🗑️

Show desk

SCRUM Tools (2/3)

❖ SCRUM Sprint Back Log:

Overview Activity Scrum Roadmap Issues New issue Peer Review Gantt Calendar News Documents Wiki Forums Repository Risks Settings

Sprint Backlog

Sprints **Android R1.0 - Spint2 - Mar 16**

Sprint 2 - Mar 16 :

60(sp) **Done:100.00%**

Assignee	Issue #	Description	Progress
(Nobody)		Unassigned stories	
(vhlong)	#59101	[Implement] [Routing] Get location...	100%
(vhlong)	#59118	[Implement] [Routing] Show detail ...	100%
(vhlong)	#59119	[Implement] [HotSpots] Update/Post...	100%
(tvquynh)	#59102	[Implement] [Routing] Get location...	100%
(tvquynh)	#59112	[Implement] [Bookmark] Modify Item...	100%
(tvquynh)	#59119	[Implement] [Search Address] Execu...	100%
(tvquynh)	#59120	[Implement] [Search Address] Gathe...	100%

Unassigned Issues

Show: All

- #62342 Unit Testing Tool
- #69238 [SEARCH] Can't view Bookmark/Recent...
- #69237 [Search] App crash without wifi

SCRUM Tools (3/3)



❖ SCRUM Code Peer Review:

The screenshot shows a web-based code peer review interface. At the top, there is a navigation bar with tabs for Overview, Activity, Scrum, Roadmap, Issues, New Issue, Peer Review, Gantt, Calendar, News, Documents, Wiki, Forums, Repository, Risks, and Settings. Below the navigation bar, the breadcrumb path is 'Peer Review 65638 > CR2263 > RoutingView.java'. To the right of the breadcrumb, there are status indicators: added (green circle), modified (orange circle), copied (blue circle), deleted (red circle), and no change (black circle). The main content area is divided into three sections: a file explorer on the left, a code editor in the center, and a comment thread on the right. The file explorer shows a tree structure with folders 'GnamOnline', 'src', 'com', 'tma', 'gnamonline', and 'view', and files 'BookmarkView.java' and 'RoutingView.java'. The code editor shows a snippet of Java code with line numbers 266 to 274. The comment thread contains three comments: 1. 'Quynh Tran Viet says: Remove redundancy code' with a 'Status: Passed' indicator and a 'Reply' link. 2. 'Thuan Bui says: Fixed!' with 'Reply', 'Edit', and 'Delete' links. 3. 'Long Vo Hoang says: Passed!' with 'Reply', 'Edit', and 'Delete' links. The code editor shows the following code:

```
266     }
267 }
268
269 private void goRoutingPointView(boolean isRoutingFrom) {
270     // insert into the history
271     // TransitionHistory.getInstance().insertToHistory(RoutingView.class,
272     // false);
273     Intent intentPoint = new Intent(RoutingView.this, RoutingPointView.class);
274     intentPoint.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
```



THANK YOU !

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